BOR		OCATIO						Boring Name 2BB-2-1				
DRII	LING	COMPA	. Build			DRILLER						
		Quate	mary I	nvesti	gations	Joe Abr	eau	Project Name		as Aircraft		
DRIL	LING	METHO	DD (S) Probe			DRILL BIT (S) SIZE 1.5 inch	es	Project Number	974002			
.EP1	ът ТО	WATER				1 2.0 11111		EL EVATION		TOTAL DEPTH		
100			counte	ered			Not Surveyed DATE STARTED DATE COM			DATE COMPLETED		
LOG	GED B	s. Scri	mshire	:				4/14/97		4/14/97		
Driven	SA	Penetration Resistance (blows/bot)	Head Space Reading (ppm)	Depth (feet)	Lithology USCS	Munsell Color						
		9.8.3.	# & d		ML	10YR 3/2	Asphalt, 3" Clayey SILT: very dar	k gray brown, firm, moist		_		
				<u>-</u>	ML ML	2.5¥ 4/4	Sandy SILT: olive bro	wn, fine sand, soft, slightly	y moist			
				5-		10YR 4/2	dark gray brown			- -		
				-		10YR 4/4	- dark yellow brown			-		
	⊗ ⊗ ₩			-	ML	10YR 4/3	Clayey SILT with San	d: brown, fine sand, firm,	slightly mo	ist		
-				-10- - -			Boring terminated at	10 feet.		-		
-				1.5			-			- -		
[15-			-			- -		
				20- -			-			- - - -		
				25- 25-			-			- - - -		
1				30-						- - - -		
				35-								
				40-						-		

BORIN				_	C-l-4-4				Boring Name —	2BB-2	2-2
DRILL	ING	COMPA	NY		r Substation		RILLER		_		las Aircraft
רייונר	ING I	Precis METHO	ion San	pling			Stewart ORILL BIT (S) SIZE	King	Project Name		
	3	KD-I					2.5 inch	es	Project Number — ELEVATION	97400	TOTAL DEPTH
	ľ	WATER	c ncounte	red					Not Surveyed DATE STARTED	d	10 feet
LOGGI	ED B	y D. Sch	neeber	ger					DATE STARTED 5/7/97		DATE COMPLETED 5/7/97
Driven Recovered	SA	enetration esistence clows/tool)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND	DRILLING	3 REMARKS
	₩	era a	185	-		CL	5Y 3/2	Asphalt, 3" Sandy CLAY: dark oli sand	ive gray, soft to medium s	tiff, moist,	moderately plastic, fine to medium
	XX			5-		ML	5Y 4/2	Clayey SILT: olive gra	ay, moderately stiff, moist	, slightly p	lastic, trace of fine sand
	**			- 10-		SC	5Y 4/2	Clayey Fine SAND: o	live gray, moderately stiff	f, moist, sli	ghtly plastic, trace of silt
-				- - -				Boring terminated at 1	10 feet.		-
-				15-				- - -			-
-				- 20- -				-			
				25 -				- - - - - -			-
				30-				- - - - -			-
-				35-				- - -			
-				40-				-			-

Boring							Trent	redy/Jenks Consultants
BORING LOCA		Ctown =	a Vand				Boring Name —	2BB-2-3
DRILLING COM	a 2, Tool APANY	_		I	DRILLER			Douglas Aircraft
Qua	ternary	<u>(nvesti</u>	gations	ı	Joe Abr	;	Project Name	
Ear	th Probe				1.5 inch	es	Project Number _ ELEVATION	974002.00 TOTAL DEPTH
TH TO WAT	rer Encount	ered					Not Surveye	ed 10 feet
LOGGED BY	night						DATE STARTED 4/14/97	DATE COMPLETED 4/14/97
SAMPL	-25	Denth		USCS	Munsell	80		DRILLING REMARKS
Solven Recovered Collected Penetration Resistence	(bpm)	Depth (feet)	Lithology	USCS Log	Munsell Color	Asnhalt 3"		, DRIBBING KEMIKAN
		-		CL	10YR 2/2	Silty CLAY: very dark	c brown, stiff, moist	-
		~			10YR 3/6	dark yellow brown		
		5-		ML	2.5Y 4/4	Clayey SILT: olive br	own, very stiff, slightly n	noist
		-				increasing clay		
		10-			2.5Y 5/4	light olive brown, son	ne fine sand	
		-				-		-
		_				Boring terminated at	10 feet.	
		15-				-		•
		-				-		-
		_				_		
		20-				-		-
		-						-
		-				-		- -
		25-				}		-
		-						- -
		-				<u> </u>		-
		30-				-		<u>-</u>
		-				-		- - -
		-						- -
		35				-		<u>.</u>
			1			-		
				1		-		-
		40				-		-

Boring I								redy/Jenks Consultants			
BORING LOCATI Area	2, Tool	Storag	e Yard				Boring Name	2BB-2-4			
DRIFTING COME	ANV				DRILLER Joe Abr	eau	Project Name	Douglas Aircraft			
Quat	IOD (S)	in vesti	gations		DRILL BIT (S) SIZE	II DIT (S) SIZE					
Earth TH TO WATE	R Probe				1.5 inch	es	Project Number ELEVATION	TOTAL DEPTH			
Not E LOGGED BY	Encount	ered					Not Surveye DATE STARTED	d 10 feet DATE COMPLETED			
J. Kn	ight						4/14/97	4/14/97			
Collected Sessition of Resistence (blows/toot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS					
	5.3	1		CL	10YR 3/2	Asphalt, 3" Silty CLAY: very dark	c gray brown, stiff, moist	-			
		5-		ML	2.5Y 4/4	Clayey SILT: olive br	own, hard, dry				
	5.2					some fine sand, very s	stiff, slightly moist				
		-				Boring terminated at	10 feet.				
		15-				-		- -			
-		-				-		-			
-		20-				- -		- - -			
		25-				- ·		- -			
-		-				-		<u>-</u>			
		30-				- - -		-			
-		-				-		- - -			
		35-				- - -		- - -			
		-				-		- -			
-		40				-		<u>-</u> -			
		1	1	<u> </u>							

Boring Log			ledy/Jenks Consultants
BORING LOCATION Area 2, Tool Storage Yard		Boring Name —	2BB-2-5
DRILLING COMPANY	DRILLER Joe Abreau	Project Name	Douglas Aircraft
Quaternary Investigations ORILLING METHOD (S)	DRILL BIT (S) SIZE	1	07.4004.00
Earth Probe	1.5 inches	Project Number -	TOTAL DEPTH
Not Encountered LOGGED BY		Not Surveyed	DATE COMPLETED
J. Knight		4/14/97	4/14/97
USC Log USC Lo		IL DESCRIPTION AND	DRILLING REMARKS
	fill -		-
5.6 CL	10YR 3/2 Silty CLAY: very dark	k gray brown, stiff, moist	
5-	10YR 3/3 2.5Y 5/6 mottled dark brown a	nd light olive brown, firm	1, moist
	2.5Y 4/4 Clayey SILT: olive br	rown, some fine sand, firm	n, moist
6.2	1-inch lense of fine g	ravel	
- -	- Boring terminated at	10 feet.	- -
			- -
15-			- -
	-		-
20-			-
			-
			-
25-	-		
-	-		
	-		
35-			
40-	-		
	-		

Boring Log							redy/senks Consultants	
BORING LOCATION Area 2, Tool S	Storag	e Yard				Boring Name ——	2BB-2-6	
DRILLING COMPANY			1	DRILLER Joe Abr	6911	Project Name	Douglas Aircraft	
Quaternary In PrilLING METHOD (S)	nvesti	gations	1	DRILL BIT (S) SIZE		-	974002.00	
Earth Probe TH TO WATER				1.5 inch	es	Project Number _ ELEVATION	TOTAL DEPTH	
Not Encounte	red					Not Surveye	d 10 feet	
LOGGED BY J. Knight						DATE STARTED 4/14/97	DATE COMPLETED 4/14/97	
SAMPLES								
Depth (feet) Lithology USCS Munseli Color Color						SOIL DESCRIPTION AND DRILLING REMARKS		
5.2	_		CL	10YR 2/1	Silty CLAY: black, sti	ff, moist		
5.6	-			10YR 3/4	dark yellow brown, ve	ery stiff, slightly moist		
	5-		ML	10YR 3/4	Clayey SILT: dark yel	low brown, very stiff, slig	ghtly moist, some fine sand	
	-			2.5Y 4/4	olive brown, no sand			
5.7	10				-			
-	-				Boring terminated at 1	10 feet.		
	-				-			
•	15-				-			
	-							
-	-			:	-			
-	20-				-			
-	-				-			
-	25-				- -			
-	-				-			
	-				-			
	30-				- -			
	-				_			
					_			
	35				- -			
					-			
	40-				-			
	<u> </u>	<u> </u>	<u>t.</u>	<u> </u>	<u> </u>			

BORING LOCATION	ON 2, Tool S	Storag	e Yard				Boring Name —	2BB-2-	7
DRILLING COMP.	ANY		gations	I	ORILLER Joe Abr	eau	Project Name	Dougla	s Aircraft
PRILLING METH	OD (S) Probe			ı	ORILL BIT (S) SIZE 1.5 inch	,		974002	
PTH TO WATE	R				1.5 men	CS .	Project Number —		OTAL DEPTH 10 feet
LOGGED BY	ncounte						Not Surveyed DATE STARTED	D	ATE COMPLETED
S. Scr	imshire			1	T		4/14/97		4/14/97
Driven Recovered Collected Penetration Resistance (blows/hool)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SO	IL DESCRIPTION AND I	DRILLING R	REMARKS
	0	-		ML	10YR 2/2	Clayey SILT: very dar	k brown, soft, moist		-
	0	-				some fine sand			
		5-		ML	2.5Y 4/3	-	v: olive brown, fine sand, s	oft, moist	• •
		-		L	2.5Y 4/4	no clay, olive brown			-
	0	-10-		ML	2.5Y 4/4	Clayey SILT: olive br	own, soft, moist		
-		-				Boring terminated at 1	10 foot		
						- Doring terminated at	TO feet.		-
	:	15-				-			-
	:	-				-			-
-		20-				-			-
		-				-			-
-		-				_			- -
-		25-				- -			• · · · · · · · · · · · · · · · · · · ·
-		-							-
		30-				-			•
						-			-
		35-				-			-
		-				-			-
		_				-			-
		40-				·			•
-		_				-			-

ORING LO	CATIO	og N	S4	e Yard				Boring Name —	2BB-	2-8
RILLING	COMPA	NY				DRILLER Joe Abr	nali	Project Name		las Aircraft
O ILLING	METHO	D (S)	nvesti:	Katious		DRILL BIT (S) SIZE				
E TH TO	Carth WATER	<u>Probe</u>			·	1.5 inch	es	Project Number - ELEVATION		TOTAL DEPTH
OGGED B	lot En	counte	ered					Not Survey DATE STARTED	ed	DATE COMPLETED
S	. Scri	mshire						4/14/97		4/14/97
161	Penetration Resistance (blows/toot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	so	IL DESCRIPTION ANI	D DRILLING	G REMARKS
		0	-		CL	10YR 3/2	Silty CLAY: very darl	c gray brown, firm, sligh	ntly moist	
		0	-		ML	2.5Y 3/2	- Clayey SILT: dark oli -	ve brown, firm, slightly	moist	
			5-			2.5Y 4/4	olive brown, moist, so	oft		
		0	-				- some fine sand			
			10-		ļ					
			-				- Boring terminated at	10 feet.		
			_				<u>.</u>			
			15-							
-1			-				-			
			20-				- -			
			-							
			-				-			
			25-				-			
			_				-			
			20				-			
			,30- 				_			
			_				- -			
			35-				- -			
			-				-			
			-				_			
			40-				-			
							-			

BORIN	ig L	OCATIO	ON 2, Tool :	Storag	e Yard				Boring Name ——	2BB-2-9	
DRILL	ING	COMP	ANY		gations	I	ORILLER Joe A b i	reali		Douglas Aircraft	
DRILL	ING	METH	OD (S)		<u>gativii3</u>	-	ORILL BIT (S) SIZE	E		974002.00	
PTH	I TO	WATE	Probe	· .			1.5 incl		ELEVATION	TOTAL DEPTH	
LOGGI	ED B	Y	ncounte	ered					Not Surveyed DATE STARTED	DATE COMPLETED	feet
	SA.	J. Kni MPLES	ght	,		T		1	4/15/97	4/1	5/97
Driven Recovered	Collected	Penetration Resistence (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SO	IL DESCRIPTION AND D	RILLING REMARKS	
	***		3.7	-		CL	10YR 3/2	Silty CLAY: very dark	gray brown, very stiff, slig	ghtly moist	-
	***		4.2	-			10YR 3/2 2.5Y 4/3	very dark gray brown, olive brown, hard, dry	abundant organic material		-
				5-			2.31 4/3	-			• •
			4.7	-		 ML		decreasing organic ma	terial own, very stiff, dry, some or		 -
	***		4.7	10			2.51 "5				
-				-				Boring terminated at 1	0 feet.		1 1
-				15-				-			-
-			į	13				-			-
				-				-			-
				20-				-			-
-				-				- -			- - -
-				25				-			-
-				-				-			-
-				20		ļ		-			-
-				30-				-			-
-								-			-
-				35-							-
				-							-
-				40-							-
-				-							_

BORING LOCATION Area 2, Tool Storage Yard				Boring Name2	BB-2-10
DRILLING COMPANY Ouaternary Investigations		DRILLER Joe Abr	eau	Project NameI	Douglas Aircraft
PRILLING METHOD (S) Earth Probe]	DRILL BIT (S) SIZE 1.5 inch	3	Project Number9	74002.00
TH TO WATER Not Encountered				ELEVATION Not Surveyed	TOTAL DEPTH 10 feet
LOGGED BY J. Knight				DATE STARTED 4/15/97	DATE COMPLETED 4/15/97
SAMPLES Denth	USCS Log	Munsell Color	ILLING REMARKS		
Tithology (feet)	Log	Color			
	CL	10YR 3/2	Silty CLAY: very darl	k gray brown, very stiff, sligh	tly moist, abundant organic material
2.6					-
3.0			_		-
			-		1
5			decreasing organic ma	aterial]
	ML -	2.5Y 4/4	Clavey SILT: olive br	own, very stiff, slightly moist	
			-	,	
3.8			_		-
3.8	Щ	2.5Y 5/4	stiff, moist		
- - -			-		4
- -			Boring terminated at	10 feet.	-
			-		
- 15-					<u>.</u>
			-		-
'			-		-
	1		_		+
-			-		-
- 20-			<u>-</u>		7
-			-		
					_
25-			-		<u>-</u>
			_		
			}		-
			-		-
-			<u> </u>		<u> </u>
- 30-					
					-
			-		-
			_		-
- 35-			-		-
			-		_
-			}		<u>-</u>
			-		<u>-</u>
40-			-		-
- 40-			Ţ]

BORING LOCATION Area 2, Tool Storage	e Yard			Boring Name —	2BB-2-11A
TOP ILLING COMPANY		DRILLER Joe Abr	9311	Project Name	Douglas Aircraft
Quaternary Investig	gations	DRILL BIT (S) SIZE	·	•	974002.00
Earth Probe		1.5 inch	es	Project Number ELEVATION	TOTAL DEPTH
Not Encountered				Not Surveye DATE STARTED	
LOGGED BY J. Knight		<u>-</u>		4/15/97	4/15/97
Recorded (feet)	Lithology USCS Log	Munseli Color	SOI	L DESCRIPTION AND	DRILLING REMARKS
3.2	CL	10YR 2/2	Silty CLAY: very dark	brown, stiff, slightly mo	ist
3.1		2.5Y 3/3	dark olive brown, firm	, moist	
5-		2.5Y 4/4	olive brown, very stiff	, slightly moist	
2.8	ML	2.5Y 5/6	Clayey SILT: light oli	ve brown, stiff, slightly m	noist
			Boring terminated at 1	0 feet.	
-			-		
- 15-			_		
			-		
20-			- -		
20-			-		
25-			- -		
			-		
30-			-		
			-		
			-		
35-			- -		
			-		
40-			-		
			-		

	CATIO		Stame	e Yard			Boring Name —	2BB-2-11B
DRILLING CO	OMPA	NY.	_		DRILLER		Project Name	Douglas Aircraft
DRILLING M	ETHO				DRILL BIT (S) SIZ	E	-	974002.00
.PTH TO W			low S	em Auger	8 inche	S	Project Number ELEVATION	TOTAL DEPTH
	ot En	counte	ered				Not Survey DATE STARTED	yed 50 feet DATE COMPLETED
		night					3/7/97	3/7/97
Recovered Collected SS	Resistance (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology US	CS Munsell g Color	so	L DESCRIPTION ANI	D DRILLING REMARKS
	2	163		tititititi		Gravel Fill		
	3 4 4 5 7	18.7 43.9	-	cr	7.5YR 3/2	CLAY: dark brown, m	inor silt, slightly moist,	firm, slightly plastic
	'		-			-		
	4 11 15	6.2	5	ML	10YR 5/4	Sandy Clayey SILT: y	ellowish brown, slightly	y moist, stiff, moderately plastic
	6 8 9		15-	SM	10YR 5/6	Silty SAND: yellowis	h brown, fine, slightly n	noist, trace of gravel, medium dense
	5 8 13	6.2	- - 20-					ne, poorly sorted, with silt, dry to slightly moist,
			25-	SP	10YR 5/6	SAND: yellowish bro medium dense	wn with gray mottles, ii	ne, poorty sorted, with sin, dry to stignity moist,
	26	2.0	-	СН	10YR 4/6	- CLAY: yellowish bro	wn with orange mottles,	dry, hard, very plastic when wet
	26 28 38	2.0	30-	SM	10YR 4/6	Silty SAND: yellowis	h brown, fine, slightly r	noist, very dense, trace of gravel, trace of mica
XXXXXXX	9 10 26		35-			_		
			-	SW	2.5Y 6/4	SAND: light yellowis of silt, dry, dense	h brown, fine, trace of n	nedium, mica, mafic grains, well graded, trace
	8 10 13	14.5	40-	ML	2.5Y 5/2	Clayey SILT: grayish	brown with orange mot	tles, dry to slightly moist, moderately plastic

		LUE								
BORING I	A med	2- Tool	Storac	e Vard				Boring Name	2BB-2	2-11B
DRILLING	G COM	PANY			r	RILLER		_		as Aircraft
	Wate	er Develo	pmen	t		Brian F	ulce	Project Name		
DRILLING	3 MET.	HOD (S) F -85 H ol	llow Si	tem Auger		8 inches		Project Number _	97400	
EPTH TO	TAW C	ER						ELEVATION		TOTAL DEPTH
LOGGED		Encounte	ered					Not Surveye DATE STARTED	a	DATE COMPLETED
LUGGED	Ken	Knight						3/7/97		3/7/97
Driven Recovered	AMPLE	5	Depth (feet)	Lithology	USCS Log	Munsell Color	SOI	L DESCRIPTION AND	DRILLING	REMARKS
<u>है। है। ट</u>	3 5 5	£ 2 8			ML	2.5Y 5/2	Clayey SILT (Continue	ed): grayish brown with o	orange mottl	les, dry to slightly moist, very stiff,
			-				moderately plastic - -			- -
	3 18		45-		SP	2.5Y 7/2	SAND: light gray, fine moist, very dense	e, subrounded, poorly gra	ded, trace of	f silt, mafic grains, dry to slightly
	18 30 32	6.2								
	<u> </u>		- 50 - - - -				Boring terminated at 5	0 feet.		- - -
-	-		55-				-			4
-			-				-			-
-			-				-			-
			60-				-			-
-			_				-			<u>.</u> -
			65-				- -			- - -
-			-				-			-
-			-		-		-			- - -
-			70-				-			-
-			-				_			- - -
-			75- - -				-			- -
			80-				-			
			-				-			

Borin									redy/oc	nks Consultant	.S
BORING LO			Stores	e Yard			·	Boring Name	2BB-2	-12	
DRILLING C	COMPA	ANY				DRILLER Top A hr	6311	Project Name		as Aircraft	
וייי⊒ILLING N	METH	OD (S)		gations		Joe Abr DRILL BIT (S) SIZE	Cud		974002		
L TH TO V	WATER	Probe				1.5 inch	es	Project Number - ELEVATION		TOTAL DEPTH	
LOGGED BY	lot E	ncount	ered					Not Surveyor DATE STARTED	ed	DATE COMPLETED	
J.	. Kni	ght	· ·		,			4/15/97		4/15/97	
Driven Recovered Collected	Penetration Resistance (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	so	IL DESCRIPTION AND	DRILLING	REMARKS	
		1.8 2.6			CL	2.5Y 3/1	_ Silty CLAY: very dark	c gray, firm, moist			-
		2.2	5-		ML	2.5Y 5/6 2.5Y 4/4	Clayey SILT: light oli olive brown, very stiff	ve brown, stiff, slightly r f, slightly moist	moist		
		2.2	15-				Boring terminated at	10 feet.			
			20-				-				
-			25				-				
•			30-				- - -				-
			35	-			-				- - -
			40								-

Boring							Kem	icuy/o	enks Consu	Italits
BORING LOC	ATION ea 2, Tool	Stores	e Vard				Boring Name	2BB-	2-13	
DRILLING CO	OMPANY			Ī	DRILLER		_		las Aircraft	
Qu	iaternary ETHOD (S)	Investi	gations		Joe Abr DRILL BIT (S) SIZE	eau	Project Name	97400		
Ea PTH TO W	rth Probe		<u>.</u>		1.5 inch	es	Project Number _ ELEVATION	9/400	TOTAL DEPTH	
No	ater et Encount	ered					Not Surveye	ed	1	10 feet
LOGGED BY J. 1	Knight						DATE STARTED 4/1 5/97		DATE COMPLETED	4/15/97
Driven Recovered Collected SS	LES	Depth (feet)	Lithology	USCS Log	Munsell Color	SOI	L DESCRIPTION AND	DRILLING	G REMARKS	
	0.4	-		CL	2.5Y 3/2	Asphalt, 8" Silty CLAY: very dark	gray brown, stiff, slight	ly moist		-
		5-		ML	2.5Y 5/6	Clayey SILT: light oliv	ve brown, very stiff, sligl	htly moist		- - -
	0.7	10-			2.5Y 4/4	olive brown, stiff, slig	ntly moist			
-						- Boring terminated at 1	0 feet.			- - -
		15-		·						- - -
		20-				-				- - -
		-				- -				- - -
		25-				- -				
		30-				-				
		-								
		35-				-				
		40-				-				
		-				-				

BORI	NG L	OCATIO A rea 2	N Z. Tool S	Storag	e Yard				Boring Name 2BB-2-14			
DRIL	ING	COMPA	NY		gations	D	RILLER Joe Abr RILL BIT (S) SIZE	eau	Project Name	Dougl	as Aircraft	
PRILI	JING	METHO Earth	DD (S) Probe			D	RILL BIT (S) SIZE 1.5 inch	es	Project Number	97400		
, . ř	н то	WATER	ncounte	red					Not Surveyed	1	TOTAL DEPTH	0 feet
LOGO	EDE	y J. Kni							DATE STARTED 4/15/97		DATE COMPLETED	15/97
13	SA	MPLES		Denth		USCS	Munsell	90	IL DESCRIPTION AND I	DDII I INC		
Driven	Collecte	Penetration Resistance (blows/bod	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	50	IL DESCRIPTION AND I	DRILLING	REMARKS	
×.								_				-
▓								-				=
***						CL	10YR 3/3 10YR 4/4	Silty CLAY: mottled	dark brown and dark yellov	w brown, st	tiff, slightly moist	-
	***						10YR 4/4	<u> </u>				
				5-		ML	2.5Y 5/6	Clayey SILT: light oli	ive brown, stiff, slightly me	oist		-
	X			_				_				_
				-								-
***	8			-				_				-
			0.0	-			2.5Y 5/4	light olive brown, sor	ne fine sand			
				10				-				
								- Boring terminated at	10 feet.			-
				_				-				_
- 1				-				-				-
$ \cdot $				15-				-				-
				-				-				-
•				-				-				-
F				-								-
-				-				_				-
				20-				-				-
	1			-								-
				-				-				
				-	1							
				25.				[
				25-				_				_
								-				-
-				-				-				-
				-				-				-
-				30-				-				-
-				-				-				-
-				-				}				-
-				-	-			-				-
				-				-				-
				35-				-				-
				-								
				-	1							
				-]							-
				40-]							_
				40]							_
]			ļ				=
	1.		L	<u> </u>		L	<u> </u>	<u> </u>		/		

BORING LOCATION			2RR_2_15
Area 2. Tool Storage Vard	DRILLER		2BB-2-15
Quaternary Investigations	Joe Abreau	•	Douglas Aircraft
DRILLING METHOD (S) Earth Probe	DRILL BIT (S) SIZE 1.5 inches	Project Number	974002.00
/TH TO WATER			TOTAL DEPTH
Not Encountered		Not Surveyed DATE STARTED	DATE COMPLETED
LOGGED BY J. Knight		4/15/97	4/15/97
SAMPLES Paragraphic State of the state of t	Munsell Color SO	IL DESCRIPTION AND DI	RILLING REMARKS
6 2 8 22 12 12 CL	10YR 3/2 Silty CLAY: very dark	c gray brown, stiff, slightly r	noist _
	10YR 3/3 mottled dark brown as 10YR 4/4	nd dark yellow brown	
5	1	ve brown, very stiff, slightly	v moist
	2.5Y 4/4 olive brown, trace of	fine sand	
	- Boring terminated at	10 feet.	
15-	-		-
	-		-
20-	-		•
25-	- - - - -		
30-			-
35-			- - - -
40-	-		

Not Encountered Not Surveyed	AL DEPTH 10 feet E COMPLETED 4/15/97
DRILL BIT (S) SIZE Earth Probe 1.5 inches Project Number 974002.0 TOTA Not Encountered LOGGED BY J. Knight SAMPLIS Green Green Lithology Log Color Color Lithology Lithology LOGYR 2/1 SOIL DESCRIPTION AND DRILLING REM Asphalt, 3" Silty CLAY: black, stiff, moist 10YR 2/1 INTERIOR SOIL DESCRIPTION and dark yellow brown 10YR 3/2 10YR 4/6 mottled very dark gray brown and dark yellow brown	AL DEPTH 10 feet E COMPLETED 4/15/97
TOTA Not Encountered LOGGED BY J. Knight SAMPLES SAMPLES Lithology Color Color Color Asphalt, 3" Silty CLAY: black, stiff, moist 10YR 3/2 10YR 4/6 mottled very dark gray brown and dark yellow brown	AL DEPTH 10 feet E COMPLETED 4/15/97
J. Knight SAMPLS SAMPLS GOVERNMENT SAMPLS Lithology Color Color Color SOIL DESCRIPTION AND DRILLING REM Asphalt, 3" Silty CLAY: black, stiff, moist 10YR 3/2 10YR 4/6 mottled very dark gray brown and dark yellow brown	E COMPLETED 4/15/97
SAMPLES SAMPLES Depth Color SOIL DESCRIPTION AND DRILLING REM SAMPLES SAMPLES Depth Color SOIL DESCRIPTION AND DRILLING REM SAMPLES SAMPLES Depth Color SOIL DESCRIPTION AND DRILLING REM SAMPLES SAMPLES Depth Color SOIL DESCRIPTION AND DRILLING REM SAMPLES SAM	
Asphalt, 3" Silty CLAY: black, stiff, moist 10YR 3/2 10YR 4/6 mottled very dark gray brown and dark yellow brown	
Asphalt, 3" Silty CLAY: black, stiff, moist 10YR 3/2 10YR 4/6 mottled very dark gray brown and dark yellow brown	- - -
10YR 3/2 mottled very dark gray brown and dark yellow brown 10YR 4/6	- - -
10YR 4/6	- -
10YR 4/6	-
10YR 4/6	
10YR 4/6	-
ML 2.5Y 5/6 Clayey SILT: light olive brown, trace of fine sand, stiff, slightly	-
	moist
NOTES NOT A TO	-
▓▃▁▎▕▎▕▎▐╟╟╟╟┼─┤──┼┈───╌	
ML 2.5Y 5/6 Sandy SILT: light olive brown, fine sand, some clay, stiff, slight	lly moist
	-
Boring terminated at 10 feet.	-
	-
	-
-	-
	-
	-
	-
	-
-	-
	-
	-
	-
	-
	-
	-
	-
	-
	- -
	_
	-
	-
	-
-	-
	-
	-
	-
	-
-	-
	· -
<u> </u>	

BORI		CATIC		Storan	e Yard				Boring Name 2BB-2-17			
DRIL	INC	COMPA	NV			E	RILLER	9911		ouglas Aircraft		
UBIL	LING	Juate METHO	D (S)	nvesti	gations	E	Joe Abr	CAU	•	74002.00		
	H TO	Carth WATER	Probe				1.5 inch	es	ELEVATION	TOTAL DEPTH		
LOGG	1	Not E	counte	red					Not Surveyed DATE STARTED	DATE COMPLETED		
200	SLD D	J. Kni	ght				T		4/15/97	4/15/97		
Driven	Collected	Penetration Resistance (blows/foot)	Head Space Residing (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND DRI	LLING REMARKS		
			2.4	1		CL	10YR 3/1	Asphalt, 3" Silty CLAY: very darl	c gray, firm, moist			
			2.2	5-		ML	2.5Y 4/4 2.5Y 5/6	Clayey SILT: olive br light olive brown trace of fine sand	own, stiff, slightly moist	-		
			0.9	-10 -		ML	2.5Y 5/4	Sandy SILT: light oliv	ve brown, fine sand, firm, mois	st -		
-				-				- Boring terminated at	10 feet.	- -		
- - -				15-				-		• • •		
-				20- - -				-		- - - -		
				25 -				- - -		- - - - -		
				30- - -				- - - - - - - - - - -		- - - -		
				35- - -				-		- - - -		
				40-				- - -		- - -		

BORIN	IG LO	CATIC	N . Tool !	Storag	e Yard					Boring Name	2BB-2	-18	
DRILL	ING	COMPA	NY mary I				r	RILLER Joe Abi	eau	Project Name	Dougl	as Aircraft	
וואטר	ING	METHO	DD (S) Probe				Γ	Joe Abr ORILL BIT (S) SIZE 1.5 inch	es	Project Number _	97400	2.00	
ī	1 TO	WATER	counte	ered						ELEVATION Not Surveye		TOTAL DEPTH	10 feet
LOGG	ED B	Y J. Kni		icu						DATE STARTED 4/15/97	-	DATE COMPLETED	4/15/97
1 2	SA	MPLES		Donate)					4/13/2/
Driven Recovered	offected	Penetration Resistence (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lith	ology	USCS Log	Munsell Color	SO	IL DESCRIPTION AND	DRILLING	REMARKS	
	X	246			IIIII	ШШ	CL	10YR 3/2	Asphalt, 3" Silty CLAY: very dark	gray brown, firm, moist			
	₩		1.3										
	X						ML	2.5Y 4/4	Clayey SILT: olive br	own, stiff, slightly moist			
▓	₩		2.0			ШШ							<u>-</u>
	XXX			5-			 ,,,	0.57.574	Complete OH To the before the	e brown, fine sand, firm,	maist same	olav	-
	COCOCO			1			ML	2.5Y 5/4	Sandy SILT: light onv	e brown, fille saild, fiffi,			
				-			ML	2.5Y 5/4	- Clayey SILT: light oli	ve brown, firm, moist			-
▓	2			-					_				
₩			1.5	-									-
***	***			10-	ШШ	ШШ			increasing clay				
-				-					- -	10.6 -4			-
				-					Boring terminated at	10 feet.			-
									-				
				1,5									
				15-					_				_
r (_				-
									_				-
				_					_				-
-				20-					-				-
-			:	_					-				-
-				_					-				4
$\ \cdot\ $				_					-				-
-				-					-				-
-				25-					-				-
				-					-				i
													7
					1				Ī				
				30									
				30-									-
									-				=
				_					-				-
-				-					-				=
-				35-					-				-
-				-					}				_
-				-					}				4
- (-					-				-
				-					-				-
-				40-	1				<u> </u>				-
-				-	1				<u> </u>				-
							<u> </u>		<u> </u>				

		og							J	enks Consultants
BORING LO			Mate	rial Storage Ya	ard			Boring Name	2BB-	2-20
DRILLING	COMPA	NY		gations	1	DRILLER Joe Abr	99311	Project Name		las Aircraft
P~®ILLING	METH	OD (S)	nvesti	gations	1	DRILL BIT (S) SIZE			97400	
I TH TO	Earth WATER	Probe				1.5 inch	es	Project Number	2/400	TOTAL DEPTH
ľ	Not E	count	ered					Not Surveye DATE STARTED	d	DATE COMPLETED
LOGGED B	_{J.} Kni	ght						4/14/97		4/14/97
Briven Recovered Collected	MPLES	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SO	IL DESCRIPTION AND	DRILLING	G REMARKS
	765	6.8	-		CL	10YR 2/1	Silty CLAY: black, fir	m, moist		-
		6.8	-			10YR 2/2	very dark brown, stiff	, slightly moist		-
			5 -			2.5Y 4/4	olive brown, very stiff	, slightly moist		-
		6.9	-		ML	2.5Y 4/4	grades to Clayey SILT	cive brown, some fine	sand, stiff,	slightly moist
			10-							-
-			-				- Boring terminated at 1	0 feet.		-
			-		:					-
-			15-				-			_
J-			-				-			1
							-			-
			20-				_			-
-	: :						-			-
-			-				-			-
			25-				<u>.</u>			-
			_				-			
			20							-
			30-				-			-
			-				-			
			35-				-			- -
-			-				-			-
							-			-
			40-				-			-
			-				-			-

Boring Log		Remme	dy/Jenks Consultants
BORING LOCATION		Boring Name —	2BB-2-21
Area 2, Scrap Material Storage Yard DRILLING COMPANY	DRILLER	1	
Quaternary Investigations	Joe Abreau	7 -	Douglas Aircraft
™ILLING METHOD (S) Earth Probe	DRILL BIT (S) SIZE 1.5 inches	Project Number	974002.00
TH TO WATER	1.0 means	ELEVATION	TOTAL DEPTH
Not Encountered		Not Surveyed DATE STARTED	10 feet DATE COMPLETED
LOGGED BY S. Scrimshire		4/14/97	4/14/97
SAMPLES SAMPLES Depth (feet) Lithology USCS Log	Munsell SC	OIL DESCRIPTION AND D	
ML 0 -	10YR 2/2 Sandy SILT: very dar	k brown, fine sand, firm, sli _l	ghtly moist
0	 	low brown, fine sand, soft, s	lightly moist
0 10	2.5Y 4/4 olive brown		
	- Boring terminated at	10 feet.	-
15-	-		
20-			- -
	-		
25-	-		- - - -
30-	-		
	-		
35-			<u>-</u>
40-			
- -			-

Boring L				_=	_		_							
BORING LOCATIO	on <mark>2, Scra</mark> i	Mate	eri	al S	tor	age	Ya	rd			Boring Name	2BB-2	2-22	
DRILLING COMPA	ANY							I	DRILLER Joe Abi	2001	Project Name	Doug	las Aircraft	
PailLING METHO	mary I	nvesti	ıga	tioi	18			I	DRILL BIT (S) SIZE	7	-	97400		
Earth	Probe								1.5 inch	es	Project Number	2/400	TOTAL DEPTH	
TH TO WATER	k ncount	ered									Not Surveye	d		26 feet
LOGGED BY J. Kni	aht										DATE STARTED 4/11/97		DATE COMPLETED	4/11/97
SAMPLES	Head Space Reading (ppm)	Depth (feet)		Li	tholo	ey		USCS Log	Munsell Color	soi	L DESCRIPTION AND	DRILLING	3 REMARKS	
Collect Collect Resister (blowering	1 % C	ļ	Ļ							Asphalt, 4"				
		-						CL	10YR 3/2	Asphalt, 4" Silty CLAY: very dark	brown, firm, moist			-
	7.2	-		III	H					-				-
		_												-
	7.8	_							257.4/4	olive brown, firm, moi	et			-
		_ ا	P		4	}	#		2.5Y 4/4	+				
		5	1		Ш	Ш	Ш	ML	2.5Y 4/4	Sandy SILT: olive bro	wn, fine sand, firm, moist	į		_
		-	1			Ш	Ш							
		-	1				$\ \ $			some clay, stiff, slight	ly moist			
		-				$\ \ $	Ш		l	<u> </u>			. <u></u> .	
	7.8	-	\prod				\prod			-				-
*******		10-	╢					ML	2.5Y 4/4	Clayey SILT: olive bro	own, stiff, slightly moist			-
			$\ $			Ш	Ш							-
		-			Ш	Ш	Ш			-				-
	ļ	١.	1		Ш	Ш	Ш			-				-
			\parallel	$ \cdot $	$\ \cdot\ $	IJŀ	₩		 					
		'	$\ $		Ш	Ш	Ш						_	
	7.8	15	1		Ш	Ш	Ш	ML	2.5Y 5/6	Sandy SILT: light oliv	e brown, fine sand, stiff,	slightly mo	ist	
***************************************		١ .	$\ $							†				-
	[.	╢		Ш					-				-
			$\ $		$\ \ $		$\ \ $			}				-
		-	∦.	: .	#!	##	!} 	-	 	ŧ				
	7.9	20	ŀ	: :	:	<u> </u>	:[:]	SM	2.5Y 6/6	Silty SAND: olive yel	low, fine, loose, dry			-
		 	Į.	: :		Į.Į	:}}			-				_
			ļ:	:]·	:[:	:	:[<u> </u>				
			ŀ		:	[:]	:#1			_				_
		Ι.	ľ	: .	:1:	1:1	:11							
		'	f :		:[:	1:1	:]]		5Y 7/4	pale yellow, loose, slip	phtly moist			
	8.2	25	ŀ	ŀł.	· † :	¦:ł			31 //4	paic jellow, loose, sill	Array more			1
*********	ļ —		 	ĿĬ.	:1:	1.I	:11		-					
		.	1							ŀ				-
] .	1							Boring terminated at 2	26 feet.			-
							ļ			ļ				٦
		20								_				_
		30												
		1	1											
			1							ļ				7
		1	1							-				1
			1							ŀ				7
		35	1							}				4
			$\frac{1}{2}$							-				-
		ļ .	1				ĺ			-				-
		1								L				4
							İ							_
			1											
		40	4					Ì	1	ľ				7
			$\frac{1}{2}$							-				-
		1	$\frac{1}{2}$							<u> </u>				
			_		_									

BOTHING LOCATION	N						Boring Name 2BB-2-23		
A rea 2 DRILLING COMPA	LAD NY	WP Su	ıbstation		DRILLER		_		
Quate	rnary l	<u>investi</u>	gations	ł	Joe Abr DRILL BIT (S) SIZE		Project Name		las Aircraft
PRILLING METHO	Probe				1.5 inch	es	Project Number -	97400	
TH TO WATER	ncount						ELEVATION Not Survey		TOTAL DEPTH 26 feet
LOGGED BY		cicu					DATE STARTED		DATE COMPLETED
J. Kni SAMPLES	ght						4/10/97		4/10/97
Driven Recovered Collected Penetration Resistence (bloveshoot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SO	IL DESCRIPTION AND	DRILLING	G REMARKS
	6.2	-		CL	10YR 3/3	Aspnan, 4 Silty CLAY: dark brov	vn, firm, moist		- - -
	5.9	_			10YR 4/4	dark yellow brown, so	ome fine sand, stiff, sligh	tly moist	_
		5-		I	10YR 3/3 10YR 5/6	mottled dark brown as	nd yellow brown		- -
	7.1	10-			2.5Y 4/3	olive brown, very stiff	c, moist		-
-		-				- - 			·
	7.2	15-		ML	2.5Y 5/6	Sandy SILT: light oliv	e brown, fine sand, firm	, moist	- - -
	7.3	20-		 SM	2.5Y 6/4	Silty SAND: light yel		 noist	
	7.7	25-			5Y 7/4	pale yellow, loose, sli	ghtly moist		-
-		-				Boring terminated at 2	26 feet.		<u>-</u> - -
		30-				- -			<u>-</u>
		-				-			-
-						-			_
		35-]			_			
!		-				-			-
		-				_			
		40-				- -			- -
				ļ					_

Boring Log				edy/Jenks Consultants
BORING LOCATION Area 2, Scrap Material Storage Yard		1,	Boring Name ——	2BB-2-24
DRILLING COMPANY	DRILLER			Douglas Aircraft
Quaternary Investigations PRILLING METHOD (S)	Joe Abi DRILL BIT (S) SIZE	,	Project Name	
Earth Probe	1.5 inch	es 1	Project Number <u> </u>	974002.00 TOTAL DEPTH
PTH TO WATER Not Encountered		1	Not Surveyed	d 10 feet
LOGGED BY		DA	TE STARTED	DATE COMPLETED 4/10/97
J. Knight SAMPLES			4/10/97	
And the state of t	JSCS Munsell Log Color	SOIL	DESCRIPTION AND	DRILLING REMARKS
5.6 CI	2.5Y 4/4	Asphalt, 4" Silty CLAY: olive brown	n, stiff, slightly moist	
6.3	10YR 3/6	dark yellow brown, very	stiff, slightly moist	
5- -	L 2.5Y 4/4	Sandy SILT: olive brown	n, fine sand, firm, moist	-
	_	- some clay - - — — — — — — —		
7.2 10 CI	2.5Y 4/4	Silty CLAY: olive brown	n, stiff, moist	-
		Boring terminated at 10	feet.	-
15-		-		-
		-		- -
		_		-
20-		-		- -
		-		
25-		_		
		_		
30-		-		
		-		
		-		
35-		_		
40-		-		
		-		

Kennedy/Jenks Consultants

Boring I							IXCIII	icuy/o	enks Const	iitaiits
BORING LOCATIO	ON Scrai	n Mate	erial Storage Y	ord			Boring Name —	2BB-	2-25	
DRILLING COMPA	ANY				DRILLER				las Aircraft	····
Quate	mary DD (S)	investi	gations		Joe Abi DRILL BIT (S) SIZE	3	Project Name	_		
Earth TH TO WATER	Probe				1.5 inch	es	Project Number - ELEVATION	97400	TOTAL DEPTH	
Not E	ncount	ered					Not Surveye	ed		10 feet
LOGGED BY J. Kni	ght						DATE STARTED 4/10/97		DATE COMPLETED	4/10/97
SAMPLES		Denth		IIS/S	Munsell					
Driven Recovered Collected Penetration Resistance (blows/fool)	Head Spa Reading (ppm)	Depth (feet)	Lithology	USCS Log	Color	SOI	L DESCRIPTION AND	DRILLING	3 REMARKS	
**** O 525	fē9			1	2 575 4/4	OI OIL I	~			
	4.9			ML	2.5Y 4/4	_ Clayey SILT: olive bro	own, firm, moist			-
		-				-				-
	6.8	-				- soft, moist				-
	0.6	-				_ sort, moist				-
		5-				-				-
		-				-				-
		-			10YR 4/3	mottled dark brown an	d dark yellow brown, ve	rv soft moi	st	-
		-		L	10YR 4/3 10YR 4/6	-	- Jane Johow Blown, Ve	., 501, 11101	W-6	-
	6.3			<u> </u>	T	_ 		·		
		10-		ML	2.5Y 4/4	Sandy SILT: olive bro	wn, fine sand, trace of cla	ay, firm, mo	ist	
		-				No.				-
						- Danima danimi da da da	0 6- 4			-
		_				Boring terminated at 1	0 feet.			-
		-				-				_
		15-				† -				
						-				_
						_				_
						_				
						_				
		20-				_				_
		20								
						_				
					1	-				-
		1				-				1
						-				1
		25-				-				-
	İ				1 1	-				-
		-				-				-
		-				-				_
						a.				-
		30-				•				-1
		-				-				-
		-				-				-
		-				-				-
		4				-				_
		35-				•				
										_
						-				
,						.				
<u> </u>						_				
	ĺ]				_				1
		40-				•				1
		1				-				-
					<u> </u>					-

BORING LOCATION Area 2, Scrap Material Storage Yard			Boring Name ——	2BB-2	-26
DRILLING COMPANY	DRILLER Joe Abr	0211	Project Name		as Aircraft
	DRILL BIT (S) SIZE			974002	
Earth Probe	1.5 inch		Project Number — ELEVATION		TOTAL DEPTH
Not Encountered LOGGED BY			Not Surveyed DATE STARTED	1	10 feet DATE COMPLETED
J. Knight			4/10/97		4/10/97
SAMPLES Part Part Part Part Part Part Part Part	Munsell Color	SO	IL DESCRIPTION AND I	DRILLING	REMARKS
4.9 - I I I I I I I I I I I I I I I I I I	2.5Y 4/3	Clayey SILT: olive bro	own, firm, moist		
5-	2.5Y 3/3	dark olive brown, soft			- - -
	2.5Y 4/2	dark gray brown, soft,	, moist		
		Boring terminated at	10 feet.		- -
15-		-			- - -
20-		-			- - - - -
25-		-			- - - - -
30-		-			- - - -
35-		-			_ - - -
40-		_			- - -

Dormar L										
BORING LOCATION A rea)N I. Scr an	Mate	rial Storage Y	ard			Boring Name	2BB-2	2-27	
DRILLING COMPA	ANY			Tr.	ORILLER				las Aircraft	
Quate	mary I	nvesti	gations	<u> </u>	Joe Abr	eau	Project Name			
RILLING METH	OD (S) Probe			l _I	ORILL BIT (S) SIZE 1.5 inch	es	Project Number _	97400		
DEPTH TO WATE	3						Project Number	_	TOTAL DEPTH	
Not E	ncounte	red					Not Surveyed DATE STARTED	1	DATE COMPLETED	
LOGGED BY J. Kni	ohf						4/10/97		4/10/97	
SAMPLES		Depth (feet)	Lithology	USCS Log	Munsell Color	SO	IL DESCRIPTION AND	DRILLING		
Mediana Driver Collected Persistence (blows/bod)	Head Space Reading (ppm)	7				Clavay CH T. Jada 1	low brown, firm, moist			
	5.1	-		ML	10YR 4/4	Ciayey Sill: dark yel	iow brown, nithi, moist			-
	7.2	-			10YR 4/4 10YR 3/2	- mottled dark yellow b	rown and very dark gray b	orown, soft	, moist	-
	5.6	5~ - - 10~			2.5Y 4/4	olive brown, stiff, mo	ist			
		-				- Boring terminated at 1	10 feet.			-
		15-				- -				-
		-				-				-
-		20-								
		25-				-				
		30-				-				
-		35:				- - - - - - -				
-		40-				- - -				- - -

DRING L	OCATIO	JOg_	_						2BB-2-28
RILLING	COMP.	ANY		erial Storage Y	[]	DRILLER		Boring Name	
RILLING	Ouate	marv	Investi	igations		Joe Abr DRILL BIT (S) SIZE	eau	Project Name	Douglas Aircraft
1	Earth	Probe				1.5 inch	es	Project Number ELEVATION	974002.00
PTH TO	WATE	R ncount						Not Surveye	TOTAL DEPTH ed 10 feet
OGGED E	3Y							DATE STARTED 4/10/97	DATE COMPLETED 4/10/97
SA	J. Kni		1	1		T			
Recovered	Penetration Resistance (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SO	IL DESCRIPTION AND	DRILLING REMARKS
	2000		-		CL	10YR 2/2	Silty CLAY: very dark	c brown, some gravel len	ses, firm, moist
	7	4.6	5-			10YR 3/3	dark brown, soft, moi	st	
***			10						
			-				Boring terminated at	10 feet.	
			15				•		
			-						
			20				- -		
							- -		
			25	-			- -		
							- - -		
			30	-			-		
				- - - -			- - - -		
			35	1			-		
				-			-		
			40]			- -		
				-			_		

Boring I									enks Consulta	
BORING LOCATIO	ON Barran	Moto	erial Storage Ya	ard .			Boring Name —	2BB-2	2-29	
DRILLING COMPA	ANY			1	DRILLER		_		las Aircraft	
Quate PRILLING METH	ernary I	nvesti	gations		Joe Abr DRILL BIT (S) SIZE		Project Name			
Earth	Probe			<u>l</u>	1.5 inch	es	Project Number - ELEVATION	97400	TOTAL DEPTH	
EPTH TO WATER	R ncount e	ered					Not Survey	ed	11 fe	et
LOGGED BY							DATE STARTED 4/10/97		DATE COMPLETED 4/10/	97
J. Kni	gnt							***************************************		
Driven Recovered Collected Penetration Resistence (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SO	IL DESCRIPTION AND	DRILLING	G REMARKS	
	7.5	-		CL	10YR 3/2	Silty CLAY: very dark	c gray, firm, moist			-
	8.2	-			10YR 3/1	- dark brown, firm, moi				-
		5-			10YR 4/4 10YR 3/3	mottled dark yellow b	rown and dark brown, so	oft, moist		- - -
	4.9	10-		 ML	2.5Y 4/4	Clayey SILT: olive br				
			111311111111	IVIL	4.21 7/7	Clayey Billy Onve br	V 11114 J 11144 J I1144 J II144			
		-				- Boring terminated at	11 feet			-
						Boring terminates at	111000			-
										-
		15								-
*		-								_
		-	1							_
		-		ļ						_
		-				-				
		20-	1			-				•
		-	-			-				-
-			1			-				-
-		١.	-			-				
-			_			-				
		25				_				•
		~				-				
						_				
						_				
			1							
		30	1							
		1	1							
			1			<u> </u>				
			1			-				
		1	1			-				
	1	35	4			F				
		1	4			}				
			4			}				
-			1			<u> </u>				
]			ļ				
		40]			_				
		40	1							
			1							
			1	<u> </u>		<u> </u>				

Boring Lo	<u> </u>					Kenn	ledy/Jenks Consultants
BORING LOCATION Area 2, S	cran Met	erial Storage Y	ard			Boring Name —	2BB-2-30
DRILLING COMPANY Quaterna			I	ORILLER Joe Ab i	neg II	Project Name	Douglas Aircraft
DRILLING METHOD (S)	IZALIVIIS	I	ORILL BIT (S) SIZE	3	-	974002.00
Earth Pro				1.5 inch	es	Project Number — ELEVATION	TOTAL DEPTH
Not Enco	untered					Not Surveye	d 10 feet DATE COMPLETED
J. Knight		,	·		,	4/10/97	4/10/97
Recovered Collected Spece (Sbrawfoot)	Depth (feet)	Lithology	USCS Log	Munsell Color	soi	L DESCRIPTION AND	DRILLING REMARKS
			ML	10YR 3/4	Clayey SILT: dark yel	low brown, stiff, slightly	moist
8.	.3		CL	10YR 3/2	Silty CLAY: very dark	gray brown, firm, moist	-
	5-			2.5Y 4/4 10YR 3/3	mottled olive brown ar	nd dark brown, firm, mois	st
	-		ML 	2.5Y 5/4	Clayey SILT: light oliv	ve brown, firm, moist, son	ne lenses of organic material
5.	5 10		CL	2.5Y 4/4	Silty CLAY: olive brow	vn, stiff, moist	-
	-				Boring terminated at 1	0 feet.	- - -
	15-				_		- -
	-				- -		- -
	-				- -		
	20-				<u>.</u> -		
	_				- -		,
	25-				- •		
-	-				-		
•	30-						
					-		-
	-			-			-
	35-			-	•		
	40-			-			-
-	-				-		

BORING LOCATION								2BB-2) 21
	LAD	WP Su	ıbstatio <u>n</u>		DRILLER		Boring Name ——		
Quate	mary I	nvesti	gations		Joe Abr DRILL BIT (S) SIZE		Project Name	_	las Aircraft
Earth	Probe				1.5 inch	es	Project Number _ ELEVATION	97400	TOTAL DEPTH
DEPTH TO WATER Not E	≀ ncounte	ered					Not Surveye	d	26 feet
LOGGED BY J. Kni							DATE STARTED 4/11/97		DATE COMPLETED 4/11/97
Driven Recovered Collected VS Penetration Resistance (bloweshoot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	sol	IL DESCRIPTION AND	DRILLING	REMARKS
	6.9	-		CL	10YR 2/1	Silty CLAY: black, fir	m, moist		
	7.5				10YR 3/2	very dark gray brown,	stiff, moist		-
		5- -			2.5Y 5/6	light olive brown, stiff	f, slightly moist — — — — — — —		
		-		ML	2.5Y 6/4	- Sandy SILT: light yell	ow brown, fine sand, firm	n, slightly m	oist - - -
-	7.4	10-			2.5Y 5/4	light olive brown, dec	reasing sand, trace of clay	y	-
	7.8	15-							: - -
	7.5	20-		SM	2.5Y 6/6	Silty SAND: olive yel	llow, fine, loose, dry		-
	7.6	25-			5Y 7/2	light gray, medium de	nse, slightly moist		-
-		-				- Boring terminated at 2	26 feet.		- -
-		30-				-			-
-		-				-			-
-		35-				-			-
		-				- -			-
		-							- J
		40-				-			-
		-				 - - -			- -
	L	1	1	L	1	<u> </u>			

Boring I				_		_	_						CHRS COHS	1
BORING LOCATION Area	ON 2, LAD	WP St	ub	stat	lion	1					Boring Name ——	2BB-2		
DRILLING COMP.]1	DRILLER Joe Ab r	ean	Project Name	Dougl	las Aircraft	
DRILLING METH	OD(S)	HVESTI	. E.	at 101	113				DRILL BIT (S) SIZE	•	_	97400		
Earth PTH TO WATE	Probe	<u></u>							1.5 inch	es	Project Number ELEVATION		TOTAL DEPTH	
Not E	ncount	ered									Not Surveye DATE STARTED	ed	DATE COMPLETED	26 feet
LOGGED BY J. Kn	ight										4/11/97			4/11/97
Colected Secure Resistance (Domination Resistance (Domination)		Depth (feet)		Li	itholo	ogy		USCS Log	Murusell Color	SO	IL DESCRIPTION AND	DRILLING	REMARKS	
XXX	##.5	 -	k	m	III	m	111		10VD 2/1	Cita OI AV some don	c gray, stiff, slightly mois	t		
		-						CL	10YR 3/1	Siny CLAT: Very dan	c gray, sini, siiginiy mois	•		1
		-	0							-				1
		-								-				1
	7.0	-	4						 		own, some fine sand, stiff	f aliabtly m		
		5-	╢		Ш			ML	2.5Y 4/4	Clayey SILI: olive br	own, some line saild, still	i, siigiitiy iii	Oist	1
		-	$\ $		Ш					-				-
		-	1	Ш	Ш									-
		-	$\ $							firm, moist				7
	8.0	-	$\ $		$\ \ $					<u>.</u>				-
	8.0	10-	\parallel	Ш	Ш					-				-
		^~	\parallel							<u> </u>				-
			╢		Ш					<u> </u>				-
				Ш	Ш					_				-
			$\ $	Ш	Ш									- -
		َ ۔ ا	╫	₩	Ш	\mathbb{H}	\mathbb{H}					11. 1.1	• ,	-
	7.9	15	1	Ш	Ш			ML	2.5Y 5/4	Sandy SILT: light oliv	ve brown, fine sand, stiff,	slightly mo	ıst	-
Tax and a second		-	1	Ш	Ш					-				_
		-	1	Ш	Ш		Ш			-				
		-	╢	Ш	Ш	Ш								
***		-	╬	Щ	Щ	Щ	Щ.	SM	5Y 6/3	Silty SAND: pale oliv	ve fine loose dry			
	7.8	20	ť	$[\cdot]$:1:			SM	310/3	Silty SAND: paic on	ve, 11110, 10050, dry			~
******		-	Ŀ		: :			1		-				
			ŧ]]		•				-				-
] .	ŀ	H	1		$\ \cdot\ $			-				-
*****		İ.,	ŀ	$\ .\ $:[1		-				-
		25	ŀ	1:1				}		slightly moist				-
	7.8		Į.	1:1	<u>:</u>	<u>:</u>		<u> </u>		Silginity moist				
								1		_				-
										-				4
		1								Boring terminated at	26 faat			-
			1							Boring terminated at	20 1001.			_
		30	1											_
			1											
			1					1		Ī]
 			1											1
			+						1	ŀ				
		35	H							†				1
			1							}				†
-			1							<u> </u>				-
			-							-				7
			1							-				-
		40								-				-
		70												-
														-
	<u> </u>		1					1						

Boring Name 2BB-2-33 Della Del
Date Date
Project Number Proj
Earth Probe 1.5 inches Project Number 2.4 SUL-DEFTH 2.5 feet Not Encountered 1.5 inches Project Number 2.4 Surveyed 107H2 DEFTH 2.5 feet Not Encountered 1.5 inches 1.5 inch
Not Encountered COGED BY DATE STARTED A/11/97 SOIL DESCRIPTION AND DRILLING REMARKS SOIL DESCRIPTION AND DRILLING REMARKS A/11/97 SOIL DESCRIPTION AND DRILLING REMARKS CL 10YR 3/6 Silty CLAY: dark yellow brown, firm, moist CL 10YR 3/6 Silty CLAY: dark yellow brown, firm, moist This start of the stand start
DATE COMPLETED DATE COMPLETED DATE COMPLETED A/11/97
SOIL DESCRIPTION AND DRILLING REMARKS Solid Description Solid
SOIL DESCRIPTION AND DRILLING REMARKS Soil Description Soil Descr
5.6 7.1 CL 10YR 3/6 Silty CLAY: dark yellow brown, stiff, slightly moist ML 2.5Y 4/4 Clayey SILT: light olive brown, fine sand, stiff, slightly moist firm, moist CL 2.5Y 4/4 grades to Sandy SILT: light olive brown, firm, moist CL 2.5Y 4/4 grades to Silty CLAY: olive brown, firm, moist 7.2 15 WL 2.5Y 5/4 Ish olive brown, firm, moist Very stiff, moist All 2.5Y 5/4 Sandy SILT: light olive brown, firm, alightly moist ish olive brown, firm, moist Very stiff, moist 16.8 20 6.8 25 Light olive brown, firm, moist Ish olive brown, firm, alightly moist
7.1 5 ML 2.5Y 4/4 Clayey SILT: olive brown, stiff, slightly moist, some fine sand grades to Sandy SILT: light olive brown, fine sand, stiff, slightly moist firm, moist 6.3 10 CL 2.5Y 4/4 grades to Silty CLAY: olive brown, firm, moist very stiff, moist 7.2 15 WL 2.5Y 5/4 Sandy SILT: light olive brown, firm, slightly moist ightly moist light olive brown, firm, slightly moist 10 Light olive brown, firm, moist 2.5Y 5/6 light olive brown, firm, moist
6.3 10 CL 2.5Y 5/4 grades to Sandy SILT: light olive brown, fine sand, stiff, slightly moist firm, moist very stiff, moist 15 0.8 20 ML 2.5Y 5/4 Sandy SILT: light olive brown, fine sand, firm, slightly moist ightly moist very stiff, moist 15 16.8 20 ML 2.5Y 5/4 Sandy SILT: light olive brown, fine sand, firm, slightly moist light olive brown, fine sand, firm, slightly moist
firm, moist 6.3 10 CL 2.5Y 4/4 grades to Silty CLAY: olive brown, firm, moist very stiff, moist 5.5Y 5/4 Sandy SILT: light olive brown, fine sand, firm, slightly moist 6.8 20 6.8 20 6.8 2.5Y 5/6 light olive brown, firm, moist
firm, moist 6.3 10 CL 2.5Y 4/4 grades to Silty CLAY: olive brown, firm, moist very stiff, moist 5.5Y 5/4 Sandy SILT: light olive brown, fine sand, firm, slightly moist 6.8 20 6.8 20 6.8 20 6.8 10 10 10 10 10 10 10 10 10 1
7.2 15 very stiff, moist 2.5Y 5/4 Sandy SILT: light olive brown, firm, slightly moist 2.5Y 5/6 light olive brown, firm, moist
7.2 15 very stiff, moist 2.5Y 5/4 Sandy SILT: light olive brown, fine sand, firm, slightly moist 2.5Y 5/6 light olive brown, firm, moist
6.8 20- ML 2.5Y 5/4 Sandy SILT: light olive brown, fine sand, firm, slightly moist 6.8 25- light olive brown, firm, moist
6.8 20- ML 2.5Y 5/4 Sandy SILT: light olive brown, fine sand, firm, slightly moist 6.8 25- light olive brown, firm, moist
6.8 20- ML 2.5Y 5/4 Sandy SILT: light olive brown, fine sand, firm, slightly moist 6.8 25- light olive brown, firm, moist
6.8 20- ML 2.5Y 5/4 Sandy SILT: light olive brown, fine sand, firm, slightly moist 2.5Y 5/6 light olive brown, firm, moist
6.8 20- ML 2.5Y 5/4 Sandy SILT: light olive brown, fine sand, firm, slightly moist 2.5Y 5/6 light olive brown, firm, moist
6.8 20
6.8 20
6.8 20
6.8 20
6.8 20
Boring terminated at 26 feet.
Boring terminated at 26 feet.
Boring terminated at 26 feet.
E
-
-

BOTING LOG BORING LOCATION		Kein	
Area 2, Border with Montrose Chemical	DRILLER	Boring Name ——	2BB-2-34
Ouaternary Investigations	Joe Abreau	Project Name	Douglas Aircraft
DRILLING METHOD (S) Earth Probe	DRILL BIT (S) SIZE 1.5 inches	Project Number —	974002.00
dPTH TO WATER	1.5 menes	Project Number	TOTAL DEPTH
Not Encountered LOGGED BY		Not Surveyed DATE STARTED	DATE COMPLETED
J. Knight		4/11/97	4/11/97
SANTILLE SECTION OF SECTION OF SECTION OF SECTION OF SECTION OF SECTION OF SECTION OF SECTION OF SECTION OF SECTION OF SECTION OF SECTION OF SECTION OF SECTION OF SECTION OF SECTION OF SECTION OF SECTION OF SECTION OF SEC	Munsell Color SO	IL DESCRIPTION AND	DRILLING REMARKS
CL	2.5Y 3/3 Silty CLAY: dark oliv	e brown, firm, dry	
5.0	2.5Y 4/2 dark gray brown, firm	, moist	-
5-111111111111111111111111111111111111	·	d: olive brown, fine sand, asing sand, firm, slightly n	-
5.5			-
10- - - - -	soft, moist		-
5.9 15-	increasing clay, soft, r	noist	-
6.1 20- M1	5Y 6/4 Sandy SILT: pale oliv	— — — — — — — e, fine sand, firm, slightly	
7.7 25- :::::::::::::::::::::::::::::::::::	2.5Y 5/4 Silty SAND: light oli	ve brown, fine, loose, sligh	ntly moist
-	Boring terminated at	26 feet.	
30-			
35-			- -
40-			-

Boring Log			 			
BORING LOCATION Area 2, Border with Montr	ose Chemical			Boring Name	2BB-2	
DRILLING COMPANY Quaternary Investigations		DRILLER Joe Abr	eau	Project Name	Dougl	as Aircraft
ILLING METHOD (S)		DRILL BIT (S) SIZE	•		97400	
Earth Probe DEPTH TO WATER		1.5 inch	es	Project Number ELEVATION	21700	TOTAL DEPTH
Not Encountered				Not Surveyed	d	26 feet
LOGGED BY J. Knight				DATE STARTED 4/14/97		DATE COMPLETED 4/14/97
SAMPLES Depth Lithol	logy USCS Log	Munsell Color	SO	L DESCRIPTION AND	DRILLING	
	CL	10YR 3/2	Silty CLAY: very dark	gray brown, firm, moist		
6.4		10YR 3/1	- very dark gray			-
5-		10YR 3/3	dark brown, stiff, slig	ntly moist		-
	ML —	2.5Y 5/4	Sandy SILT: light oliv	e brown, fine sand, some	clay, firm,	moist
7.0	ML	2.5Y 4/4	grades to Clayey SIL1	: olive brown, firm, moist	t, some fine	sand
15-			decreasing clay, no sa	nd		-
7.2 20-	SM	2.5Y 5/4	Silty SAND: light oli	— — — — — — — — — — — — — — — — — — —	 htly moist	
7.6 25-			medium dense, slight	ly moist		- -
			Boring terminated at	26 feet.		-
-			-			
						-
35-			<u>.</u>			
			-			- -
40-			 			-
- - - - - - - - -			-		·	-

BORINGLOC									cirks Consultants
Ar	<u>ea 6</u>	Borde	er with	ı International Ligi	ıt Metals		Boring Name —	_2BB-0	
DRILLING CO	OMPA ater	NY Devel o	pmen	t	DRILLER Gary W	/hitley	Project Name	_Doug	las Aircraft
'.ILLING ME	ETHO	D (S)			DRILL BIT (S) SIZI	E	_	97400	2.00
DEPTH TO WA	ATER			em Auger	8 inches	S	Project Number -		TOTAL DEPTH
No LOGGED BY		counte	red				Not Surveyor DATE STARTED	ed	50.5 feet DATE COMPLETED
		neeber	ger			T	4/23/97		4/23/97
Collected Penetration	(blows/bot)	Head Space Reading (ppm)	Depth (feet)	Lithology US L	CS Munsell og Color		IL DESCRIPTION AND	DRILLING	G REMARKS
						Asphalt Concrete, 3" ballast			-
	4 5 4		-			-			=
			_			_			-
-	2 4 8	0	5-	ML	2.5Y 4/3	Clayey SILT: olive br	own, medium stiff, damp	, slightly pl	astic, trace of fine sand
	2 4 9	o	- 10-						- - - -
			15-						- - -
- - -	3 5 9	0	20-	sc	7.5YR 5/4	Clayey Fine SAND:	brown, medium stiff to st	iff, damp to	moist, slightly plastic
-			25-						
	4	0	30-	SP	5Y 6/4	SAND: pale olive, lo	ose, damp, fine, trace of	silt	
	4 7 9	0	35-						
	5 7 10	0	40		5Y 5/4	olive, loose, damp, fi	ine, abundant shell fragm	ents	

		A	catio	Borde	e <u>r w</u> itl	h International	Light N	1etals		Boring Name 2BB-	6-1
		IG C	COMPA Voter	NY Develo			Ľ	ORILLER Gary W	hitley		las Aircraft
DRI	LLIN	IG N	METHO	DD (S)				ORILL BIT (S) SIZE	;	0#404	
ē.	тн т	C ro v	ME-WATER	85, Hol	low St	tem Auger		8 inches		ELEVATION	TOTAL DEPTH
LOC		N	ot Er	counte	red					Not Surveyed DATE STARTED	50.5 feet DATE COMPLETED
LOC	iGEL	D D	y). Sch	neeber	ger			· · · · · · · · · · · · · · · · · · ·		4/23/97	4/23/97
Jriven	perovered	SAM Delbello	Penetration Resistance (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SO	IL DESCRIPTION AND DRILLING	3 REMARKS
1.					45- -		SP	5Y 5/4		live, loose, damp, fine, abundant she	
₩	歞	\downarrow	10 14 19	0	_	77777	GC -	2.5 <u>Y</u> 4/4	in diameter	ve brown, stiff to very stiff, damp, 3'	
- - -		**	<u>î</u> 9	•	50-		SP	5Y 5/4	SAND: olive, medium	n dense, damp, fine, trace of silt, no s	shell fragments
					55- - - -				-		- - - - -
					60- - - -						- - - -
-					65- - - -				- - -		- - -
					70- - - -				- - -		- - - -
					75- - - -						- - - -
					80- -				-		-

BORING	OCATIO	N		T-44ial	Tiobs N	Motols		Boring Name —	2BB-	6-2
DRILLING	COMP	ANY		<u>International</u>	Light	DRILLER				las Aircraft
TILLING	Water	Develo	pmen	t		Gary W DRILL BIT (S) SIZE	hitley	Project Name —		
	CME-	85, Ho	low St	em Auger		8 inches		Project Number _	97400	
DEPTH TO		R ncount e	ered					ELEVATION Not Surveye	ed .	TOTAL DEPTH 50.5 feet
LOGGED	BY							DATE STARTED 4/23/97		DATE COMPLETED 4/23/97
Driven Recovered Collected (%	AMPLES	neeber	Depth (feet)	Lithology	USCS Log	Munseil Color	so	IL DESCRIPTION AND	DRILLING	
Q & 0	Penetri Resista (blows/	Head Spi Reading (ppm)					Asphalt Concrete, 3"			
	4 4 4 4		-		CL	10YR 3/1	hallast	, firm, damp, moderately	plastic	- - -
- -	2 3 7	0	5-			10YR 3/2	very dark grayish brov	vn, stiff, damp, moderate	ly plastic, to	race of fine sand
	2 3 7	0	10-		SC	2.5Y 4/3	Clayey Fine SAND: c	live brown, stiff, moist, s	lightly plas	- -
	3336	0	15-				- - - - - - - - - - - - - - - - - - -			- - - - - - - -
	5 10 14	0	30-		SP	5YR 5/8	SAND: yellowish red	, medium dense, damp, fi	- — — —	- - - - - - - - - - - - - - - - - - -
	3 6 9	o	40-				trace of fossil shell fr	agments		- - -

BORING			N N								
	A	rea 6	Borde	r with	<u>International</u>	Light M	letals		Boring Name —	2BB-6	
DRILLIN	IG (СОМРА	.NY			D	RILLER Gary W	hitlev	Project Name	Doug	las Aircraft
ULLIN	IG N	METHO	Develo			D	RILL BIT (S) SIZE	ì	-	97400	
~	C	ME-	85, Holl	ow St	em Auger		8 inches		Project Number	9/400	TOTAL DEPTH
DEPTH T	i Ol	WATER Lot 18:	icounte	red					Not Surveye	d	50.5 feet
LOGGED) B'	Y							DATE STARTED 4/23/97		DATE COMPLETED 4/23/97
	<u>D</u> ۵۸ <u>۶</u>). Sch	neeber	ger T							
		Peretration Resistence (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	p. 12.	IL DESCRIPTION AND		
-		4 13 17	10.4	45-		SP	5YR 5/8	SAND (Continued): y		ise, damp, 1	fine, trace of fossil shell fragments
XXXXX	~	17									-
				55- - - - -				Boring terminated at 5	50.5 feet.		
				70-							

Borin										enks consultants
BORING LO	CATIO .rea 6	N . Bord e	er witl	h International L	ight l	Metals		Boring Name	2BB-6	6-3
DRILLING C	СОМРА	NY				DRILLER Gary W	hitlev	Project Name	Dougl	las Aircraft
ILLING N	METHO	Develo				DRILL BIT (S) SIZE		-	97400	
DEPTH TO V	ME-	85, Hol	low S	tem Auger	1	8 inches		Project Number — ELEVATION	7/100	TOTAL DEPTH
N	ot Er	1counte	ered					Not Surveye DATE STARTED	ed	50.5 feet DATE COMPLETED
LOGGED BY	y). Sch	neeber	øer					4/23/97		4/23/97
SAM E B	APLES	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOI	IL DESCRIPTION AND	DRILLING	G REMARKS
Becove Collect	5 8 <u>9</u>	1 0 0					Asphalt Concrete, 4"			***
	4 6 8		-		EL	10YR 3/1	hallact	rk gray, stiff, moderately	plastic, dan	np, fine sand
	2 5 10	0	5- -	N.	мL	5YR 5/4	Clayey SILT: reddish	brown, very stiff, moist, s	slightly plas	stic
	2 5 6	0	10- 10-			5YR 4/3	reddish brown, trace o	of fine sand		
- -	3 4 7	0	20		SC	5YR 5/4	Clayey Fine SAND: r	eddish brown, stiff, damp	o, slightly pl	lastic
	6 11 14	0	30		SP	5YR 5/8	SAND: yellowish red	, medium dense, damp, f	ine	
	4 4 6	0	40				trace of silt			_ _ _ _

					ADD (. 2
ı International	Light M	<u> 1etals</u>		Boring Name ——		
	D	ORILLER Carv W	hifley	Project Name	Dougl	as Aircraft
	D	ORILL BIT (S) SIZE				
em Auger		8 inches		Project Number —		TOTAL DEPTH
				Not Surveyed	d l	50.5 feet
				DATE STARTED		DATE COMPLETED 4/23/97
T		<u> </u>		4/23/9/		4/23/7/
Lithology	USCS Log	Munsell Color	SOI	L DESCRIPTION AND	DRILLING	REMARKS
		Munsell Color SYR 5/8	SAND (Continued): y	ellowish red, medium den		
	Lithology	Lithology USCS Log	Lithology USCS Log Munsell Color SP 5YR 5/8	Em Auger Cary Whitley DRILL BIT (S) SIZE 8 inches	PRILL BIT (8) SIZE Em Auger PRILL BIT (8) SIZE S Inches Project Number Rot Surveye DATE STARTED 4/23/97 Lithology USCS SP SYR 5/8 SAND (Continued): yellowish red, medium der SY 5/4 olive, dense, damp, fine, trace of silt Boring terminated at 50.5 feet.	EMALER BRILL BIT (S) SIZE BRILL BIT (S) SIZE 8 inches SIZE Project Number Project Number 97400 ELEVATION Not Surveyed DATE STARTED AZJ397 Lilbology USCS Log SP SYR 5/8 SAND (Continued): yellowish red, medium dense, damp, fi SY 5/4 olive, dense, damp, fine, trace of silt Boring terminated at 50.5 feet.

ORING L			er with	. International	Light N	Aetals		Boring Name —	2BB-6-4	4	
RILLING	COMPA	NY Develo			1	DRILLER	hitlev	Project Name	Dougla	s Aircraft	··
ULLING	METHO	OD (S)			I	Gary W	HILLO,	Project Number	974002		
EPTH TO	WATER	ł		em Auger		8 inches		ELEVATION	TO	OTAL DEPTH	55.5 feet
OGGED	BY	ncounte						Not Survey DATE STARTED	ea D.	ATE COMPLETED	
	D. Sch	neeber	ger	1				4/23/97			4/23/97
Recovered	Penetration Resistance (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munseil Color		IL DESCRIPTION AND	DRILLING R	EMARKS	
	3 6 6		-				Asphalt Concrete, 4" ballast				
	3 4 3	0	5-		ML	5YR 4/4	Clayey SILT: reddish	brown, firm, damp, sligl	ntly to moderate	ely plastic	
	3 4 4 6	0	10 ⁻		SC	5YR 5/4	Clayey Fine SAND: 1	eddish brown, stiff, mois	st, slightly plast	ic	
	4 8 8 8	0	15- - - 20-								
	3 4 8	0	25-		SP	5YR 5/8	SAND: yellowish red	I, medium dense, damp,	fine, trace of si	lt	
			35				- - - - - - - -				
	5 5 10	0	40			5YR 4/6	yellowish red, mediu	m dense, damp, fine, trac	ce of silt		

ВО	UNC	i LC	CATIO	N	*43	Y	T toba B	fatala		Boring Name	2BB-6-4	
DRI	LLIN	NG (COMPA	NY		International	Light N	DRILLER	Lidlar	Project Name	Douglas	
-	LLI	NG I	METHO	Develo D(S)				Gary W			974002.0	
DEI	тн	TO	ME-WATER	85, Holl	low Sto	em Auger		8 inches		Project Number — ELEVATION	TOT	AL DEPTH
		D B	lot Er	counte	red					Not Surveyed	I DAT	55.5 feet E COMPLETED
LOC	GE	Ľ). Sch	neeber	ger					4/23/97		4/23/97
Driven	Recovered	SAN	Penetration At Resistance (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SO	IL DESCRIPTION AND I	DRILLING RE	MARKS
uevyo C	Recove.	Collecte Collecte	8 19 26	Need Spa Reaching (popm)	55- 55- 70- 80-	Lithology	SP	5YR 4/6		ellowish red, medium dens		
					_							

BORI	ING L	CATIC	N S						()	
	A	rea 6	- Bord	er wit	h International Lig	ht Metals		Boring Name ——	6-4	
DRIL	LING	COMPA	NY			DRILLER Brian F	ulce	Project Name	Douglas Aircraft	
DRII	LING	Nater METHO	Develo	pmen	<u> </u>	DRILL BIT (S) SIZ	7	•	974002.00	
		CME-	95, Hol	low S	em Auger	8 inche		Project Number — LEVATION	TOTAL DEPTH	
EPI		WATER	: icounte	hora			le,	Not Surveyed		eet
LOG	GED B	Y		icu			D.	ATE STARTED	DATE COMPLETED	
	<u> </u>	Ken K	night				<u></u>	3/5/97	3/5/	97
Oriven	Recovered Collected	Penetration Resistance (Diowarfoot)	Head Space Reading (ppm)	Depth (feet)	Lithology Ui	CS Munsell og Color		DESCRIPTION AND	DRILLING REMARKS	
XXX	XX				idadada		Asphalt, 6" Gravel Fill			
₩				_						
	8			-			}			-
		ا ، ا		-		10110 2/0	CLAY: dark brown, dry	to aliabely maint stiff s	moderately plastic	
***		2 4	1.9	-	CL	10YR 3/2				
***		6		5-		2.5Y 4/3	SILT: olive brown, dry t	to slightly moist, very st	tiff, slightly plastic	-
***		8	2.8	٥						_
**	X	12								
	₩			-			Ī			1
	綴			-			-			
***	▓	4		-			-			•
		7 9	3.1	10-			}			4
₩	*			10						
₩	×			-						
₩	*			-			<u> </u>			-
₩	8			-	 					
		3		_	MI	2.5Y 6/3	Sandy SILT: light yellow	w brown, dry, very stiff		-
	❈	3 7 14		۔ ا			Ĺ			4
	8	14		15-			[
	8			-			-			~
***	▩			-			-			-
₩	×									
***						2.5Y 6/4	Silty SAND: light yello	w brown, fine, dense, dr	lry	_
	⋘	8 12 22	0.9							_
***	▩੶੶੶	22	0.5	20-						
	▩			-			-			
₩	×			-	M44444		-			-
₩	×			-						
₩	×				SP	2.5Y 5/6	SAND: light olive brow	n, fine, dense, dry		-
₩	▩			-						
***	▩			25-			[
***	∺			-			<u> </u>			-
₩	∺			-			-			-:
₩	▩			l						-
₩										_
₩	▓	10 16 28		-		İ				
***		28	0.9	30-		2.5Y 6/4	light yellow brown			1
	ቖ			-						-
₩	綴			١.			<u> </u>			
₩	፠			•						_
	ቖ			-						
₩	8			-			1 20 1	from 24 to 24 5 for -4		-
	綴			35-			minor shell fragment zo	one from 34 to 34.3 feet	ı	-
***	8			Ī.			}			-
*	綴					1	L			
₩	፠			'	THE SM	2.5Y 6/6	Silty SAND: olive yello	ow, dry, dense		
***	് _				[13]					
	₩	15					}			-
	▓▓	15 27 32		40-			-			-
	▓	32		40	[[[]]]]]]]]					_
	×			'	illillilli MI	, 2.5Y 5/6	Sandy SILT: light olive	brown, dry, dense		
***	X			-						
47.7			_							

BOR	NG L	OCATIO	N Rord	ap 42,141	n International	Light M	letals		Boring Name —	6-4	
DRIL	LING	COMPA	NY			D	RILLER	ulca	Project Name	Douglas Air	rcraft
DRIL	LING	METHO	Develo DD (S)			D	Brian Fo		_	974002.00	
	•	CME-	95, Hol	low St	em Auger		8 inches		Project Number	TOTAL DE	ЕРТН
	1	Not E	counte	red					Not Surveyed DATE STARTED	DATE COI	50 feet
LOG		Ken K	night						3/5/97		3/5/97
Driven	Recovered Collected S	Penetration Harace The (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND I		RKS
	<u>2</u> 3	2.2.2	# 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8			ML	2.5Y 5/6	_	d): light olive brown, dry,	, dense	-
▓				-		SP	2.5Y 7/2	SAND: light gray, find			_
				45		SM	2.5Y 6/4	Silty SAND: light yell	lowish brown, slightly mo	ist, dense	-
		12 24 28	2.8	-		SP	2.5Y 7/2	SAND: light gray, find	e, dry, dense		-
				55-				Boring terminated at 1	50 feet.		- - - - -
				60-				-			- - - -
				65 -							- - - -
		No.		70- - - -							-
				75- 		:		- - -			- - - -
-				80-				-			

	_		.og				
	A	CATIC Area 6	, Bord	er witl	h International Light	Metals	Boring Name 2BB-6-5
DRILLI	NG (COMPA	NY Devel o			DRILLER Gary W	Dayalas Aireveft
'ILLI	NG I	METHO	OD (S)			DRILL BIT (S) SIZE	E
DEPTH	TO	CME- WATER	<u>85, Hol</u> ≀	llow St	tem Auger	8 inches	ELEVATION TOTAL DEPTH
LOGGE	N	Not E	ncount	ered			Not Surveyed 50.0 feet DATE STARTED DATE COMPLETED
EOGOL	N	M. Ba	lderma	n			4/24/97 4/24/97
Driven		Penetration Resistance (blowe/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
	× ×	2 4 5	13.6	-	CL	10YR 2/2	Asphalt Concrete Sandy CLAY: very dark brown, firm, dry to damp, fine sand, moderately plastic
-		5		-			<u> </u>
	***	4 6 9	13.6	5- 5-	ML	10YR 4/4 10YR 2/1	Clayey Sandy SILT: dark yellowish brown, stiff, some fine gravel, dry to damp
1				-			
-		3 4 5	22.7	10-	SM	10YR 5/4	Silty SAND: yellowish brown, loose, dry to damp, fine, trace of fine gravel, 40% fines
				15-			
		5 5 8	13.6	20-			
-				_			
XXXX]	5		١.	ililililili ML	10YR 4/3	Sandy SILT: brown, stiff, damp, 35% fine sand
- - -		5 7 12	22.7	30-	1: :: :: :: : : : : : : : : : : : : : :		SAND: pale brown, trace of fines, medium dense, damp to moist
- <u>-</u>				35-			
	*	7 8 12	13.6	40-	SP	10YR7/4 10YR 7/7	SAND: very pale brown mottled with yellow, medium dense, damp, trace of fines

			CATIC	N							2BB-0	6.5
		A	rea 6	, Borde	r witl	<u> International</u>	Light N	Metals DRILLER		Boring Name ——		
		V	COMPA Vater	Develo	pmen	t		Gary W	hitley	Project Name		las Aircraft
I	LLIN	NG N	METHO	DD (S) 85. Hol	low St	em Auger]1	ORILL BIT (S) SIZE 8 inches	, 1	Project Number	97400	
DEF	тн	OT	WATER							ELEVATION Not Surveyed		TOTAL DEPTH 50.0 feet
LOX	GE	D B Y	7	icounte						DATE STARTED	•	DATE COMPLETED
_		N	I. Ba	lderma	n			1		4/24/97		4/24/97
riven	ecovered	ollected	Penetration Resistance (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOI	IL DESCRIPTION AND	DRILLING	3 REMARKS
-			manager of the state of the sta	11.	45-		SP	10YR 7/4 10YR 7/7				medium dense, damp, trace of fines
	▩	XX	10 22 35	22.7	-		ML SP	10YR 5/6 10YR 7/3	SAND: yery pale brox	h brown, dense, damp, 350 wn, dense, damp, trace of	<u>% fine sand</u> fines	a
-					-50-				Boring terminated at 3			-
F					55-				 - -			•
Ĺ					-				-			-
ŀ					60-				-			- -
ŀ									-			
												- -
I					65				-			- - -
ŀ									-			-
ŀ					70	-			- -			- -
						-			-			- - -
F					75				-			-
I						-			_			-
-					80	1			<u> </u>			- -
L												

Boring BORING	G LO	CATIC	N							2BB-6-6	Consultants
DRILLI	NG C	COMPA	NY		h International	[D	RILLER		Boring Name	Douglas A	ircraft
ILLI	NG N	AETHO	Develo			D	Gary W PRILL BIT (S) SIZE	hitley	Project Name	974002.00	
DEPTH	C	ME-	85, Hol	llow St	tem Auger		8 inches		Project Number _ ELEVATION	TOTAL	DEPTH
LOGGE	N	ot E	ncount	ered					Not Surveyed DATE STARTED	ed DATE (51.5 feet
LOGGE	N	I. Ba	lderma	n					4/24/97		4/24/97
Driven Recovered	$\overline{}$	Resistance (blows/bod)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND	DRILLING REM	ARKS
***					mininini.			Asphalt Concrete			and and fine aroust
		3 3		-		CL	10YR 2/2	Sandy CLAY: very da	ırk brown, firm, dry to da	unp, some coarse sa	ind and time graver
	***	2 5 8		-							. <u> </u>
-		8		5-		CL/CH	10YR 5/4	Silty CLAY: yellowis	h brown, stiff, dry to dam	np, some fine sand	
				-				-			
		3		-							
		3 4 6		10-				-			-
-				-				-			
			i					-			
-				15							
								- -			
								-			
		5		20				mottled with calcium	carbonate		
****		8 10		20							
								- -			
								_			
				25							
								-			
		_						GAND	— — — — — — — — — — — — — — — — — — —		
		5 8 10		30		SP/SM	101 K 0/3	AMNO. pare orowit,	modrum donso, damp to i		
								-			
								-			
								-			
				35				-			
								-			
		a				<u> </u>	 	<u> </u>			
		7 10		40		SP	10YR 5/4	Silty SAND: yellowi	sh brown, medium dense	e, damp to moist, 70	9% sand
								<u> </u>			
				<u></u>	1	·!	<u> </u>				

BOR	ING I	OCA	ION								2BB-6-6	
	LINC	Area	6, F	Borde Y		ı International	Light !	DRILLER		Boring Name —	Douglas Aircraft	
		Wat	er D HOD	evelo	pment	<u>t</u>		Gary W DRILL BIT (S) SIZE		Project Name		
		CM	E-85	, Holl	low St	em Auger	1	8 inches		Project Number - ELEVATION	974002.00 TOTAL DEPTH	
DEP1	гн т	Not	ER Enc o	ounte	red					Not Survey	red 51.5 feet	
LOG	GED	BY		ermar						DATE STARTED 4/24/97	DATE COMPLETED 4/24/97	
<u>پ</u>	- 5	AMPLE	s		Depth (feet)	Lithology	USCS Log	Munsell Color	SO		D DRILLING REMARKS	
uento .	- 5		(constant)				SP SP	Munsell Color 10YR 5/4	Silty SAND (Continue	ed): yellowish brown, m	edium dense, damp to moist, 70% sand	
١					-							
					-				-			
-					80-	1			<u> </u>			
					-	1			-			
					-	-						

Boring L								reuy/Jenks Consultants
BORING LOCATIO	on 5. Park i	ing La					Boring Name —	2BB-6-8
DRILLING COMPA	ANY				DRILLER Joe Abr	9911	Project Name	Douglas Aircraft
ILLING METH	OD (S)		gations		DRILL BIT (S) SIZE	**	•	974002.00
Earth DEPTH TO WATER	Probe				1.5 inch	es	Project Number – ELEVATION	TOTAL DEPTH
Not E	ncount	ered					Not Surveyed	ed 26 feet DATE COMPLETED
LOGGED BY J. Kni	ght						4/16/97	4/16/97
Recovered Collected > Pereimbon B Resistance Blowshool B Resistance B Resis	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND	DRILLING REMARKS
	1.0	-		CL	10YR 2/2	Asphalt, 3" Silty CLAY: very dark	gray brown, firm, moist	: -
	1.2	5-		ML	2.5Y 5/6	Clayey SILT: light oli	ve brown, stiff, slightly n	noist
	1.6			ML	2.5Y 5/6	SILT with Sand: light	olive brown, fine sand, s	stiff, slightly moist
-	1.0	10-				-		-
	1.3	15-			2.5Y 5/2	gray brown, some cla	y, decreasing sand, stiff, :	slightly moist
	1.5	20-		ML	2.5Y 4/4	Clayey SILT: olive br	— — — — — — — own, stiff, slightly moist	
	3.9	25-		ML	2.5Y 6/4	Sandy SILT: light yel	low brown, very fine san	d, stiff, slightly moist
		-				- Boring terminated at	26 feet.	
		30				-		
		35				-		
						_		
		40] 			-		- -
						-		-

BORING LOCATIO														
Area	5. Parki	ing Lo	t	1	DRILLER		Boring Name ——	2BB-						
DRILLING COMPA Quate	mary l	nvesti	gations		Joe Abr	eau	Project Name		las Aircraft					
'LLING METHO Earth	Probe				DRILL BIT (S) SIZE 1.5 inch	es	Project Number _	97400						
DEPTH TO WATER	Recount	hered					ELEVATION Not Surveye		TOTAL DEPTH 26 feet					
LOGGED BY		LACU					DATE STARTED	· = ,	DATE COMPLETED					
J. Kni	ght						4/17/97		4/17/97					
Recovered Collected Penetration Resistence (blowarbox)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOl Asphalt, 3"	IL DESCRIPTION AND	DRILLING	G REMARKS					
	2.4	-		ML	10YR 2/2	Asphait, 3" Clayey SILT: very dar	k brown, firm, moist							
	3.2	5- -		CL	10YR 3/2 10YR 3/4 2.5Y 4/4	Silty CLAY: mottled very dark gray brown and dark yellow brown, firm, moist olive brown, stiff, slightly moist, some fine sand								
	4.5	- 10- - -				-			-					
	4.9	15-			2.5Y 5/4	light yellow brown, do	ecreasing clay		-					
	3.9	20- -			2.5Y 5/6	light olive brown, trac	e of clay, firm, moist		- - -					
	4.0	25-		 мL	2.5Y 6/4	Sandy SILT: light yell	ow brown, fine sand, fire	n, slightly t	moist					
		30-				Boring terminated at 2	26 feet.		-					
		35-							- - - -					
		40-				-			-					

Boring									inedy/Jenks Consultants	_		
	Area (5, Parki	ing Lo	t		DRILLER		Boring Name —	2BB-6-10			
DRILLING	Quate	rnary l	nvesti	gations		Joe Abr	eau	Project Name	Douglas Aircraft			
ILLING	METH	OD (S) Probe				DRILL BIT (S) SIZE 1.5 inch	es	Project Number -	974002.00			
DEPTH TO	WATE	R ncount	arad				EI	LEVATION Not Survey	total Depth 26 feet			
LOGGED B	BY		ercu				Da	ate started 4/17/97	DATE COMPLETED 4/17/97			
SA	J. Kni	ght	Denth		LISCS	Munsell	COL		ID DRILLING REMARKS			
Driven Recovered Collected	Penetratio Resistanci (blows/hoo	Head Spa Reading (ppm)	Depth (feet)	Lithology	USCS Log	Color	Asphalt, 3"	DESCRIPTION AND	D DRILLING REMARKS			
		2.2	_	c	L	10YR 2/2	Silty CLAY: very dark b	prown, firm, moist		-		
		2.7	_			2.5Y 4/4	olive brown			-		
			5-	M	rL -	2.5¥ 4/4	Clayey SILT: olive brow	vn, stiff, slightly moist	st			
		3.4	10-				decreasing clay, some fine sand, stiff, moist					
	, ASB A	3.1	15-			2.5Y 5/4	light olive brown, firm,	moist				
	****	3.3	20-			2.5Y 5/6	light olive brown, stiff,	slightly moist		- - -		
		3.0	25-	s:::::::::::::::::::::::::::::::::::::		2.5Y 6/6	Silty SAND: olive yello	ow, fine, loose, slightly	ly moist	- - -		
			30-				Boring terminated at 26	feet.				
-			-				-			-		
			25				-			-		
			35.				-			-		
										-		
			40				-			-		
										_		

BORING LOCATIO								2DD / 11
	s, Parki	ing Lo	<u>t</u>		DRILLER		Boring Name ——	2BB-6-11
Ouate	rnary I	nvesti	gations		Joe Abr	eau	Project Name	Douglas Aircraft
ULLING METHO	OD (S) Probe				DRILL BIT (S) SIZE 1.5 inch	es	Project Number	974002.00
DEPTH TO WATER	₹						ELEVATION No.4 Comments	total depth 26 feet
LOGGED BY	ncount	ered					Not Surveyed DATE STARTED	DATE COMPLETED
J. Kni	ght	r					4/17/97	4/17/97
Briven Recovered Collected Penetration Resistance (blows/foct)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND	DRILLING REMARKS
	2.1	-		CL	2.5Y 2.5/1	Asphalt, 3" Silty CLAY: black, fir	m, moist	
	2.1	5-			2.5Y 4/4 2.5Y 3/3		nd dark olive brown, firm	n, moist
	2.8	- - - 10-		ML	2.5Y 4/4	Clayey SILT: olive bro	own, firm, moist	
	2.4	15-				firm, moist		
	2.9	20-				increasing clay, stiff, s	ilightly moist	
	2.4	25-			2.5Y 5/6	light olive brown, firm	n, moist, trace of fine sand	d
-		30-				Boring terminated at 2	26 feet.	
-		35-				- - - -		
		40-				- - -		
-		40						

Boring I								nedy/Jenks Consultants		
BORING LOCATION A rea	on 6, Park i	ing Lo	t				Boring Name —	2BB-6-12		
DRILLING COMP.	ANY		gations	ľ	DRILLER Joe Ab i	reau	Project Name	Douglas Aircraft		
RILLING METH	OD(S)				DRILL BIT (S) SIZE 1.5 inch	3	Project Number _	974002.00		
DEPTH TO WATE	Probe				1.5 Inch		ELEVATION	TOTAL DEPTH		
Not E	ncount	ered					Not Surveyed	DATE COMPLETED		
J. Kni	ight					<u> </u>	4/17/97	4/17/97		
Collected Collected Penetration Resistance (Nowerhoot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SO! Asphalt, 2"	IL DESCRIPTION AND	DRILLING REMARKS		
	2.8			CL	2.5Y 3/1	Silty CLAY: very dark gray, stiff, moist				
	3.4	1			2.5Y 3/3	dark olive brown, stiff				
		5-		ML	2.5Y 4/4	Clayey SILT: olive bro	own, very stiff, slightly n	noist,		
		_				stiff		-		
	4.8	10-				some fine sand, decre	asing clay	<u>-</u>		
-		-				-		- - -		
	5.3	15-				firm, moist		-		
		-				-		-		
		20-				stiff, moist		-		
-	5.3	-				Stiri, moist		-		
		35		 ML	2.5Y 5/6	Sandy SILT: light oliv				
	4.8	25-				-		-		
-		-	1			Boring terminated at	26 feet.			
		30-				-				
-		-	1			-				
		35				- -				
		-				-		-		
-		40-				-		•		
-										

BORING LOCATION						app 4	(12
Area <u>6,</u> Parki	ng Lo	<u>st</u>	DRILLER		Boring Name ——	2BB-6	
DRILLING COMPANY Quaternary I	nvesti	igations	Joe Abr	eau	Project Name	<u>Dougl</u>	as Aircraft
'ILLING METHOD (S)			DRILL BIT (S) SIZE 1.5 inch	00	Project Number	97400	2.00
Earth Probe DEPTH TO WATER			I.S DICH	cs	Project Number	-	TOTAL DEPTH
Not Encounte	ered				Not Surveyed DATE STARTED	1	26 feet DATE COMPLETED
LOGGED BY J. Knight					4/17/97		4/17/97
Driven Recovered Collected YS Perversion Residence (Downwhool) State (Downwool) State (Downwool) State (Downwool)	Depth (feet)	Lithology USCS Log	Munsell Color		L DESCRIPTION AND I	DRILLING	REMARKS
11.6	-	CL	2.5Y 2.5/I	Asphalt, 3" Silty CLAY: black, stif	ff, moist		-
	-		10YR 3/3	- mottled dark brown an	nd dark yellow brown, stiff	f, moist	-
10.9	5-	ML	10YR 3/3 10YR 3/4 2.5Y 5/6		ve brown, stiff, slightly me		
333 11.8	- - -	ML		very stiff, slightly moi			-
-	10- - - -		2.5Y 4/4	olive brown			- - -
11.5	15-		2.5Y 5/4	light olive brown			- - -
11.7	20:	ML	2.5Y 5/4	Sandy SILT: light oliv	e brown, fine sand, firm,	moist	-
11.2	25	SM	2.5Y 6/4	Silty SAND: light yel	low brown, fine, loose, sli	ightly mois	t .
	30	-		Boring terminated at 2	26 feet.		- - - - -
		-		-			- - -
	35	1		-			-
		1		-			-
		1		<u> </u>			-
	40			-			•
		1		-			
	<u> </u>	1					

Parking In Parking In	nvesti	gations Lithology		DRILLER Joe Abr DRILL BIT (S) SIZE 1.5 inch	eau	Boring Name —— Project Name ——	Douglas Aircraft 974002.00
nary II	red			Joe Abr DRILL BIT (S) SIZE			
robe		, in the same of t			es E	Danis and Name have	974002.00
tead Space Reading (mod)		T ideals and			112	Project Number —	TOTAL DEPTH
Head Space Reading (ppm)	Depth (feet)	T in the state of				Not Surveye	d 26 feet
Head Space Reading (ppm)	Depth (feet)	T internal			E	DATE STARTED 4/17/97	DATE COMPLETED 4/17/97
		Lithology	USCS Log	Munsell Color	SOII		DRILLING REMARKS
1.7		amanana		100000	Asphalt, 3"	S	
	-		CL	10YR 2/1	Silty CLAY: black, stiff	i, moist	
2.5	-		ML	2.5Y 4/4	Clayey SILT: olive bro	wn, stiff, slightly moist	
	5-				-		
	-				trace of fine sand		
3.0	10-		ML	2.5Y 4/4	Sandy SILT: olive brov	wn, stiff, moist, fine sand	• • •
	15-		ML	2.5Y 4/4	Clayey SILT: olive bro	wn, very stiff, moist	
	20-			258 6/8	Silty SAND: olive yell	ow fine loose slightly	
3.5	-		SIVI	2.51 0/0	-	,,, _.	
3.2	25-				_		
	-				Boring terminated at 2	6 feet.	
	30-				-		
	-						
	35	-			-		
	-				-		
	40	<u> </u>			-		
	3.5	3.0 10- 15- 3.5 20- 3.5 35-	3.0 10- 15- 20-	3.0 10-1 ML 15-1 ML 3.5 SM 3.5 35-1 SM 35-1 SM	3.0 10- ML 2.5Y 4/4 15- ML 2.5Y 4/4 20- Signature of the state of th	3.0 10- 10- ML 2.5Y 4/4 Clayey SILT: olive brown sand ML 2.5Y 4/4 Clayey SILT: olive brown sand Sandy SILT: olive brown sand Sandy SILT: olive brown sand Sandy SILT: olive brown sand Sandy SILT: olive brown sand Sandy SILT: olive brown sand Sandy SILT: olive brown sand Sandy SILT: olive brown sand Boring terminated at 2	trace of fine sand Sandy SILT: olive brown, stiff, moist, fine sand

Boring L	NC							2BB-6	6-15
DRILLING COMP.	<mark>6, Park</mark> ANY			1	DRILLER	W	Boring Name —		las Aircraft
Quate ILLING METH	rnary l	<u>Investi</u>	gations		Joe Abr DRILL BIT (S) SIZE	;	Project Name —		
Earth	Probe				1.5 inch	es	Project Number - ELEVATION	97400	TOTAL DEPTH
DEPTH TO WATE Not E	R ncount	ered					Not Survey	ed	26 feet
LOGGED BY J. Kn i							DATE STARTED 4/18/97		DATE COMPLETED 4/18/97
Recovered Collected Collected Resistance (Ibbarefoot)		Depth (feet)	Lithology	USCS Log	Munsell Color	SO	IL DESCRIPTION AND	DRILLING	
조 중 3 <u>1</u> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	125		annanana.			Asphalt, 3"			
	2.6	-		CL	10YR 2/2	Silty CLAY: very dark	C brown, 11rm, moist		-
	2.3	-			10YR 3/3	dark brown, stiff, sligl	htly moist		
	2.3	-		 ML	2.5Y 5/3	t	ve brown, very stiff, slig	htly moist	
		5-				_	, , ,	•	- - -
		-			2.5Y 4/4	olive brown			-
	3.1	10-				firm, moist			-
		-				_			-
××4××		_				-			
		_				_			-
	2.9	15-			:	decreasing clay			-
		-				- decreasing oray			-
		-							-
-		-				-			-
	2.8	-							
	2.0	20-							
					3	-			
-		-				-			-
		-		<u> </u>	 	 			
	2.4	25		SM	2.5Y 5/6	Silty SAND: light oli	ve brown, fine, loose, sli	ightly moist	•
	 	-	चयससस		-				
		-	1			ţ			
		-	1				06.6.4		
		20]			Boring terminated at	26 feet.		
		30]						
]			_			
						-			
			-			-			
		35.	-			}			
-			-			-			
■			1			}			
_		-	1			ŀ			
			1			-			
		40	1						
			1						
		<u></u>	1						

	GLOCATION										4	
A	rea 6	, Parki	ng Lo	×t						Boring Name —	2BB-6	
DRILLING C	COMPA				tions		[1	DRILLER Joe A br	ean	Project Name	Dougl	las Aircraft
ILLING M	VETHC	DD (S)	nvesti	<u> </u>	TOTIS		1	DRILL BIT (S) SIZE	,		97400	
E DEPTH TO V	arth	Probe						1.5 inch	es	Project Number — ELEVATION		TOTAL DEPTH
N	ot Er	1counte	ered							Not Surveyed DATE STARTED	đ	26 feet DATE COMPLETED
LOGGED BY	Y . Kni	eht								4/18/97		4/18/97
SAM	Penetration Resistence (blows/foot)	Head Space Reading (ppm)	Depth (feet)		Litho	ology	USCS Log	Munselt Color	SOI	L DESCRIPTION AND	DRILLING	
**************************************	4 % T	125			m	mm			Asphalt, 3" Silty CLAY: black, fir	• .		
		1.0	-				CL	10YR 2/1	Silty CLAY: black, fir	m, moist		
		1.0	-				3		_			-
			-				1		<u>.</u>			-
		1.5	-		Ш	IIIII	<u>_</u>	10YR 3/2	very dark brown			
	l		ζ-	$\ \ $			ML	2.5Y 5/6	Clayey SILT: light oli	ve brown, stiff, slightly m	oist	
			ادا	$\ \ $					-			
			-									-
			-	111								
		0.7	-	$\ \ $				2.5Y 5/4	light olive brown, dec	reasing clav		
***			10-					2.31 3/4	L Ague onve blown, dec			1
			-	$\ \ $					-			~
	ļ		-	$\ \ $			İ					-
-			-	$\ \ $					_			
			-	Щ	.	ЩЩ	<u> </u>	4				
		1.7	15-	╢			ML	2.5Y 5/4	Sandy SILT: light oliv	e brown, fine sand, stiff,	slightly mo	ist _
			15-	$\ \ $			1					
***********			_	111								
			-	111								
			-	╢					<u> </u>			
33333			-	╫			<u> </u>	 -				
		2.1	20-	$\ \ $			ML	2.5Y 5/4	Clayey SILT: light oli	ve brown, stiff, slightly m	IOIST	7
				$\ \ $					 -			-
				$\ \ $					1			4
				$\ \ $					[
			'	111								
			-	╢					-			*
		3.7	25-	╢					decreasing clay, some	fine sand, firm, moist		1
			 	Ш	ШШ	ШШ	4	-				
				1					-			-
									_			-
									- Daning trums' 1414 44	76 foot		-
				1					Boring terminated at 2	zo reel.		
			30-	1			1		[
			-	1			İ		Ť			1
			-	+					 -			1
				1					}			-
									-			-
			3.5						L			-
			35	1					1			_
			'	1								<u></u>
4			-	1			1					ì
			-	-					}			1
			.	1					}			-
			40						L			-
			70						L			-
			1	1								-
				1			<u> </u>					

		OCATIO	JOg_							neuy/Jenks Consultants
		Area (6, Park	ing Lo	t		DRILLER		Boring Name	2BB-6-17
	١	COMP. Water	Devel	pmen	t		Gary W	hitley	Project Name	Douglas Aircraft
ILL		метн С МЕ -		llow S	tem Auger		DRILL BIT (S) SIZE 8 inches		Project Number -	974002.00
DEPTI	н то	WATE	R ncount		-				ELEVATION Not Survey	TOTAL DEPTH ed 50.0 feet
LOGG	ED B	3Y							DATE STARTED	DATE COMPLETED 4/24/97
	SA	MPLES	lderma			T			4/24/97	
Driven Recovere	Collected	Penetration Resistance (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOI Asphalt Concrete	L DESCRIPTION AND	DRILLING REMARKS
- -		3 3 4		-		CL	10YR 2/2	Sandy CLAY: very dar	k brown, firm, dry to da	ump, moderately plastic
- - - -		3 3 9		5-		ML/CI	L 10YR 4/3	Silty CLAY/ Clayey S	ILT: brown, stiff, damp,	slightly plastic, trace of fine sand
- -		3 4 7		10-		ML	10YR 4/4	Clayey SILT/ Sandy SI	LT: brown, 30% fine san	nd, damp, stiff, minor calcium carbonate mottling
				15				-		- - - -
		6 10 16		20-		CL	10YR 4/4	Silty CLAY: brown, di	y to damp, moderately p	plastic, trace of fine sand
**************************************				25				- -		- - - - -
- - -		4 11 15		30		SM	2.5Y 5/4	Silty SAND: light oliv	e brown, medium dense	e, damp, fine, 70% sand, trace of mica
		9 12 16		35			2.5Y 6/3	light yellowish gray, d	amp, dense, fine to med	lium, 30% shell fragments, 20% fines

E.C.	DOTTING LOG											
BORING LOCATION Area 6, Parking Lot									Boring Name 2BB-6-17			
DRILLING COMPANY								DRILLER		TD 1 4 C		
Water Development								Gary Whitley DRILL BIT (S) SIZE		Project Name		
DRILLING METHOD (S) CME-85, Hollow Stem Auger								8 inches		Project Number	<u>974002</u> .	
اَد	PTH TO WATER									ELEVATION	TC	OTAL DEPTH
1	Not Encountered									Not Surveyed DATE STARTED	d s	50.0 feet ATE COMPLETED
ιō	LOGGED BY M. Balderman									4/24/97		4/24/97
SAMPLES												71271
Driven			Penetration Resistance (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	sol	IL DESCRIPTION AND	DRILLING R	EMARKS
	××.				45-		SM	2.5Y 6/3	fragments, 20% fines			fine to medium, 30% shell
₩	₩	₩	8 18 27		-			2.5Y 5/3	light olive brown, dan	np, dense, fine, 40% fines	, trace of fine	mica, thinly laminated
					55-				Boring terminated at :			
					80				-			